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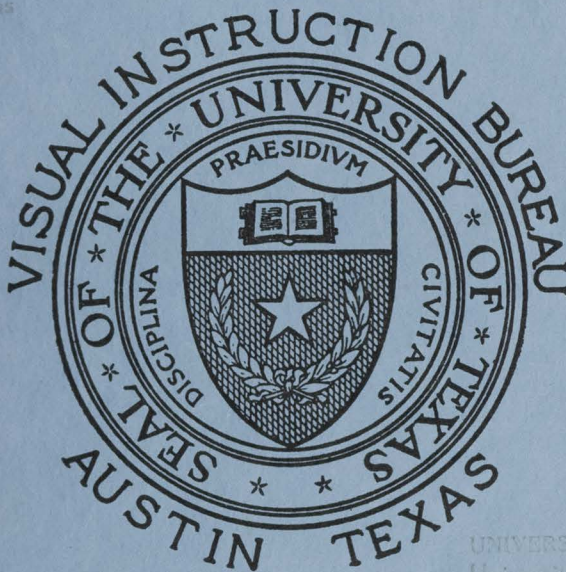
No. 4535

September 15, 1945

VISUAL AIDS

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MOTION PICTURES

16 mm. Sound and Silent

UNIVERSITY PUBLICATIONS
University of Texas
AUSTIN 12

PUBLISHED BY
THE UNIVERSITY OF TEXAS
AUSTIN

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The University publishes bulletins four times a month, so numbered that the first two digits of the number show the year of issue and the last two the position in the yearly series. (For example, No. 4501 is the first publication of the year 1945.) These bulletins comprise the official publications of the University, publications on humanistic and scientific subjects, and bulletins issued from time to time by various divisions of the University. The following bureaus and divisions distribute publications issued by them; communications concerning publications in these fields should be addressed to The University of Texas, Austin, Texas, care of the bureau or division issuing the publication: Bureau of Business Research, Bureau of Economic Geology, Bureau of Engineering Research, Bureau of Industrial Chemistry, Bureau of Public School Service, and Division of Extension. Communications concerning all other publications of the University should be addressed to University Publications, The University of Texas.

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Visual Instruction Bureau, The University of
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The University of Texas Publication

No. 4535: September 15, 1945

VISUAL AIDS



MOTION PICTURES

16 mm. Sound and Silent

**PUBLISHED BY THE UNIVERSITY FOUR TIMES A MONTH AND ENTERED AS
SECOND-CLASS MATTER AT THE POST OFFICE AT AUSTIN, TEXAS,
UNDER THE ACT OF AUGUST 24, 1912**

The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government.

Sam Houston

Cultivated mind is the guardian genius of Democracy, and while guided and controlled by virtue, the noblest attribute of man. It is the only dictator that freemen acknowledge, and the only security which freemen desire.

Mirabeau B. Lamar

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FOREWORD

The Visual Instruction Bureau is a part of the Division of Extension of The University of Texas. A basic function of this Bureau is to select and distribute visual materials to schools, other educational, religious and civic organizations of Texas.

Additional services rendered by this Bureau include planning of programs, selection of film subjects to meet special needs, previewing and evaluation of new films, suggestions on sources of films not available from this Bureau and production of visual materials.

All rental and service charges go directly to replace worn-out films and purchase new film subjects. We are a service organization. The more you use our service, the better we may serve you.

GENERAL INFORMATION

All motion pictures listed in this catalog are the 16 mm. size. The letters "So" preceding the number designate that it is a sound film. Silent films are designated by a plain number. Sound films cannot be projected on a silent projector.

The films are grouped by subject and topic so that descriptions of related films will be readily available. The films are listed in alphabetical order under the subject and topic headings. The general subject classifications should not be taken to indicate the limit of applicability of the films.

To avoid disappointment, order as far in advance of the booking date as possible. If a film is not available and no alternate date is suggested, it will be booked for the first open date and so indicated on the confirmation of booking blank.

Films held over without notification frequently mean an inconvenienced and disappointed borrower. Please return all films promptly after your last scheduled showing. Occasionally bookings may be so close that directions will be forwarded from this office to ship the films on to the next borrower. Your cooperation in this service will be greatly appreciated.

RENTAL AND SERVICE CHARGES

1. The rental or service charge for a one- or two-day booking is shown following the title of the film in the classified descriptive list.

2. Charges for more than a one- or two-day booking will be one-half of the first day's rental for each additional day thereafter.

3. Films will be booked for one day's use only, unless the borrower requests a longer period of time.

4. A discount of 25 per cent from the catalog price will be given to the schools of Texas using our service, except for the Yale Chronicles Series. The rental listed with the description of this series applies at all times.

5. All transportation charges must be paid by the borrower. Express shipments, if labeled "return shipment," may be returned at one-half the regular rate. When ordering material, please indicate the method of shipment desired, otherwise, the Bureau will ship by express collect. Films sent by parcel post must be insured. Postage charges will be billed with rental or service charges and listed on the invoice sent to the exhibitor.

6. If, for any reason, it becomes necessary to hold films past the dates reserved, permission must be secured from our office. Films held without permission will be charged for at the one- or two-day rate for each additional day held over.

7. Invoices will be sent each month or at the end of the Semester in the case of schools. Payments should be made promptly to the Visual Instruction Bureau, The University of Texas.

8. Cancelled orders will be charged for unless notification has been received at least one week before the scheduled booking date.

DAMAGE

Every borrower of visual materials from this Bureau is responsible for these materials until they are returned to this Bureau. Charges for damage will be made at actual replacement costs. Films should be carefully packed and reshipped in the same cases or cans in which they were received. Films must be returned on reels that are in good condition and comparable to those on which they are received. Every film is carefully checked and measured after each booking. Film damage forms will be sent immediately upon receipt of a damaged film. If we do not hear from you, we will assume you are aware of the cause of the damage, and will assess your account for the replacement cost.

REPORTS

Reports must be sent promptly or the service may be discontinued. A special report card is enclosed with each film order containing films of the Office of War Information and the Office of the Coördinator of Inter-American Affairs. These are for Government records and must be filled out and mailed promptly to their offices. No postage is required.

TEACHER'S GUIDES

Teacher's Guides are available for all films with the word "guide" on or immediately below the title line in our classified descriptive list. If the guides are requested at the time of booking the films, they will be sent in advance of the film, in order to aid in the most effective presentation. All guides are to be returned to the Visual Instruction Bureau promptly after the last showing of the film.

Informational material on many subjects—pamphlets, magazine articles, etc.—is available for loan, through the Extension Loan Library of the University. Teachers, community leaders and club workers find these packages are very valuable for use in discussions to supplement film showings and for use in preparation of classroom materials, speeches and club papers. For this material, write to the Extension Loan Library, Division of Extension, The University of Texas, Austin.

ORDERING FILMS

(Order as far in advance of the booking date as possible.)

Please give the following information:

1. Exact titles and numbers of the films desired.
2. Choice of several films; indicate, where possible, first, second, and third choice.
3. Date the film is to be shown; where possible, alternate dates of use.
4. Name and address of the individual or organization to whom the film shipment is to be sent.
5. Name and address of the individual or organization to whom a financial statement of film rentals is to be sent.
6. Whether shipments are to be made by express or parcel post.
7. Size of the group to view the films and the number of showings, where possible.
8. Manufacturer of projector, model, and whether it is sound or silent. Be sure to see that your school owns or has access to a 16 mm. (sub-standard) motion picture projector, as only this size film is stocked by the Bureau.
9. Mail orders to: Visual Instruction Bureau

The University of Texas
Austin 12, Texas

CORE AREAS AND SUBJECT HEADINGS

In the Visual Instruction Bureau catalogs, visual aids are listed by subject and topic. These subject headings are coordinated with the Five Core Areas of the Curriculum Revision Movement, as follows:

LANGUAGE ARTS, See

English and Literature

Geography

Social Science—History, Civics, Government

Teacher Training—Vocational Guidance

SOCIAL RELATIONS, See

Geography

Social Science—History, Civics, Government

Teacher Training—Vocational Guidance

War Information

HOME AND VOCATIONAL ARTS, See

Agriculture

Arts and Crafts

Commercial—Office Practice

Home Economics

Industrial Arts and Engineering

Teacher Training—Vocational Guidance

CREATIVE AND RECREATIVE ARTS, See

Arts and Crafts

Athletics—Physical Education

Music

Physiology and Health

Recreational

Safety

NATURE, MATHEMATICS, AND SCIENCE, See

Anthropology and Archaeology

Biology

Mathematics

Physical Science

AGRICULTURE

Clubs

- So 226 DEMOCRACY AT WORK IN RURAL PUERTO RICO** *10 min. sound jh-sh-c-adult \$.25*
Outlines briefly the history of Puerto Rico, the origin and culture of its people. Discusses the agricultural resources and problems, the great sugar cane interests, improvement of livestock, bettering farm and conservation practices, and bettering the lot of farm youth through 4-H Club work. (USDA)
- So 216 5-C CLUBS OF CUBA** *11 min. sound jh-sh-c-adult \$.25*
Views of Cuba's lovely countryside are followed by closer shots of typical farm homes. Facts as to their construction are given and attractive features pointed out. Gives details of the work with the boys and girls of Cuba in this club work which is comparable to our own 4-H work. (USDA)
- So 32 I PLEDGE MY HEART** *10 min. sound jh-sh \$.25*
Historic shrines, impressive structures, and picturesque spots of the National capital as seen through the eyes of National 4-H Club Camp delegates. (USDA)
- So 221 ON THE ROAD TO TOMORROW** *10 min. sound jh-sh-c-adult \$.25*
The story of 4-H Club activities and the results and significance of work and training of 4-H Club members. (USDA)
- So 1070 TOMORROW'S LEADERS** *15 min. sound (Color) el-jh-sh-c-adult \$.25*
The 4-H Club activities in one county, showing their part in the present effort and the effect the whole 4-H program is having on the nation. (Allis-Chalmers Mfg. Co.)

Farming

- So 1366 BOUNTIFUL EARTH** *10 min. sound sh-c-adult \$.25*
This color film shows agricultural fiestas in two Mexican towns. At Chocoma is the blessing of domestic animals to insure their fertility; at Tehuantepec the harvest festival of thanksgiving for abundant crops. (CIAA)
- So 1069 BUILDING BACK** *21 min. sound jh-sh-c \$.25*
A soil conservation film showing the efforts of 4-H Clubs, County Agents, Vocational Agricultural Teachers, and Future Farmers of America and the Soil Conservation Service in building back soil on the American farms. (Allis-Chalmers Mfg. Co.)
- So 1847 CORN FARMER, THE** *11 min. sound (1940) (Guide) el-jh-sh \$1.50*
Gives a clean, concise picture of the problems and methods of the Iowa corn grower, using a typical corn belt family as its model. Depicted are the family's activities in planting, harvesting, and marketing—as well as incidental interests such as crop rotation, home canning and politics. (Erpi)

- So 240 CROPS FOR COMBAT 11 min. sound (1944) sh-c-adult \$.25
Farmers raise soybeans and peanuts for combat purposes. Oil is extracted and in turn glycerin is obtained to make ammunition. (USDA)
- So 1934 DAIRY INDUSTRY, THE 11 min. sound (1942) (Guide) jh-sh \$1.50
Presents the work involved in production, in processing and marketing the products of a dairy farm. The dairy farmer leads a very full life, and one must like to work with animals if he is to make a success. Many jobs on the dairy farm are shown, such as herdsman, milking and separator machines, sterilizing and taking to market. (VGF)
- So 1172 FARM INCONVENIENCES 10 min. sound el-jh-sh \$.25
A comedy about the farm with a good laugh in every sequence. (International Harvester)
- So 2579 FARMERS AT WAR 10 min. sound jh-sh-c-adult \$.25
The farmers of America are faced with a serious labor shortage at a time when the greatest output of farm products possible is needed. This is an account of how one typical farmer is managing, by working longer hours and cooperating with his neighbors, to meet his need. (OWI)
- So 212 FRUITS, VEGETABLES AND COÖPERATION 25 min. sound sh-c-trade-adult \$.25
Shows the benefits other farmers obtain by marketing their crops cooperatively. (USDA)
- 755 FUTURE FARMERS IN THE NORTH WOODS 20 min. silent jh-sh-c-adult \$.25
The winners in a Goodyear sponsored farming contest are awarded a trip to the plant and various places in Canada and the United States. (Goodyear Tire & Rubber Co.)
- So 26 GRASSLAND 10 min. sound el-jh-sh-c-adult \$.25
Discusses the problem of soil conservation on the grazing lands of the arid Southwest—sheep and cattle on the range and approved methods of attack on the evils of overgrazing. (USDA)
- 314 GREEN ACRES 21 min. silent (1939) jh-sh-adult \$.25
Emphasizes the importance of improved pastures in producing cheap, high quality feed; in providing earlier, more uniform and later grazing; the necessity of providing supplemental grazing crops; the desirability of producing hay and silage from surplus grass; and the part that improved pastures can play in the control of soil erosion. (Fidelity Chem. Corp.)
- So 222 HARVESTS FOR TOMORROW 25 min. sound jh-sh-c-adult \$.25
Presents the life of the great dairy region of the Northeast. Real farm and village people are shown in the familiar surroundings of their own farms and homes. (USDA)
- So 1173 HARVESTER-THRESHER FOR EVERY MAN 10 min. sound jh-sh-c-adult \$.25
Field scenes and an interesting story on various models. (International Harvester)

- So 1178 HELPFUL HENRY** 20 min. sound *jh-sh-c-adult* \$.25
Comedy story of a "city slicker" starting out to show a farmer how to run his farm. (International Harvester)
- So 2523 HENRY BROWNE, FARMER** 11 min. sound (1942) *jh-sh-adult* \$.25
Story of a Negro farmer and his family—what they are doing individually and collectively to win the war. (OWI)
- So 4203 HERITAGE** 17 min. sound *jh-sh-adult* \$2.00
Tells the story of the opening up and development of the Canadian West. The first prosperous years, when machinery and large scale production were first introduced and there was a world-wide demand for Canadian wheat, were followed by long years of drought. Many farmers were forced to board up their homes and seek work elsewhere. But today, as the film emphasizes, new methods of farming and irrigation are putting the West on a new and sound economic basis. (National Film Board of Canada)
- So 1016 HERITAGE WE GUARD, A** 28 min. sound (1940) *el-jh-sh-c-adult* \$.25
Concerns the damage to soil and wild life that accompanied the winning of the continent by westward migration; the value of such life and current activities in restoration. (Deluxe Laboratory)
- So 2520 HOME ON THE RANGE** 11 min. sound *jh-sh-adult* \$.25
Shows the contribution of the western range country to the war effort—wool, mutton, beef, and leather. Gives brief scenes of dams, watering tanks, windmills, crested wheat grass, deferred grazing and a round-up. (OWI)
- So 223 HOME PLACE, THE** 30 min. sound *jh-sh-c-trade-adult* \$.25
Characteristic farm houses in various parts of the country, various types, salient features of architecture, early examples. (USDA)
- So 201 LAND, THE—TO HAVE AND TO HOLD** 15 min. sound *sh-c-adult* \$.25
Shows how the cooperative mortgage credit system of national farm loan associations and land banks work in the everyday lives of John and Mary Farmer. (USDA)
- So 234 LIVE AT HOME** 11 min. sound (1943) *jh-sh-c-adult* \$.25
Explains the special wartime advantages of a live-at-home program to help farmers to raise as much of their own food as possible. (USDA)
- 1503 MAIZE FOR VICTORY** 11 min. silent *el-jh-c-adult* \$1.00
Show the highly specialized grain crop from its first stages of growth until the grain is placed in the bags. (Marion F. Peters)
- So 482 MODERN EDEN** 11 min. sound (1942) *jh-sh-c-adult* \$.25
Blossom time and harvest time in the great fruit belt of the Niagara Peninsula. (National Film Board of Canada)
- So 243 MORE MILK** 11 min. sound *jh-sh-c-adult* \$.25
Presents the need for increased milk production, especially from small farm herds of a dozen cows or less. Emphasizes the need of scientific care and feeding of the herd. (USDA)

- So 36 NEGRO FARMER, THE *23 min. sound sh-c-trade-adult \$.25*
 Outlines the work of the Federal and State Extension Service among southern Negroes. Shows what is being done to further the cause of better farming and better living. (USDA)
- So 1850 ORANGE GROWER, THE
10 min. sound (1939) (Guide) el-jh-sh-adult \$1.50
 Map shows orange production regions in United States, since introduction into Florida a century ago: California, Texas, Florida, Yuma Valley of Arizona. Necessity for mild climate since fruit requires more than year to ripen. Budding, to combine sturdiness of stock with heavy fruitbearing qualities—illustration of process. After pruning, the tree is left in commercial nursery for year or two. Shows planting in orange orchard; bearing of fruit when tree approximately four years old. Fertilizer needed to renew necessary soil elements removed by plants. (Erpi)
- So 220 POWER AND THE LAND
35 min. sound sh-c-trade-adult \$.25
 Deals with the rural electrification program and shows how through coöperatives farmers can organize and obtain at cost electric power furnished by the government. Typical farm conditions are shown both before and after electrification. (USDA)
- So 1174 POWER IN THE POTATO FIELD
11 min. sound jh-sh-c-adult \$.25
 Growing and harvesting potatoes (International Harvester)
- So 227 SALT OF THE EARTH *10 min. sound el-jh-sh-c \$.25*
 Depicts life and activities on the farm, its hardships and compensations; shows that wealth produced on farms far exceeds wealth obtained from the sea or from mining or other industries. (USDA)
- So 2023 SCIENCE AND AGRICULTURE (THE SOY BEAN)
11 min. el-jh-sh-adult \$1.50
 Indicates the interdependence of science and agriculture in modern life. It traces the soy bean from its cultivation in China through its culture and use in the United States, describes the plant's characteristics and its value to soil conservation. Reproduced conversations treat problems of its cultivation and harvest. Processes of extracting soy bean oil and the preparation and use of soy bean by-products in home and industry are shown. (Encyclopaedia Britannica Films, Inc.)
- So 214 SIGN OF DEPENDABLE CREDIT, THE
20 min. sound c-trade-adult \$.25
 Shows how the Production Credit Association was organized and the manner in which it operates. Encourages the people to go into the farming profession, and it shows them how to buy farm equipment through borrowing money from government supervised loan associations. (USDA)
- So 1849 TRUCK FARMER, THE
11 min. sound (1939) (Guide) p-el-jh-sh \$1.50
 Treats the geography of the Rio Grande delta and provides authentic recordings of the problems and activities of a truck farmer and his family. The labor question with respect to the

employment of Mexican families for field work is portrayed. Planting, irrigating, spraying, harvesting, packing, and shipping truck crops are shown in detail. Scenes of the farmer's home life focus attention upon living standards made possible by the application of scientific farming methods. (Erpi)

- So 101 VICTORY HARVEST 21 min. sound jh-sh-c-adult \$.25

The moving story of town and city people who are helping to solve the wartime farm-labor shortage. After showing how the labor problem is met in one county, the scene then moves swiftly to other areas all over the country where similar farm-labor shortages exist. Everywhere, people are recognizing farm work as vital war work. And they are getting the job done! (USDA)

- So 1846 WHEAT FARMER, THE 11 min. sound (Guide) el-jh-sh \$1.50

Portrays the life of a wheat farmer and his family in a typical midwestern area. Preparing the soil, and planting winter wheat are treated in detail, along with other farm tasks—milking, cooking, and general repair work. When the wheat is ripe, father and son, assisted by a neighbor and hired men, operate a modern combine. Wheat is loaded into trucks from the combine and hauled to the town wheat elevator for shipment to the flour mill. (Erpi)

- So 215 WIZARDS OF SVALOF, THE 15 min. sound sh-c-trade-adult \$.25

Shows scientists of the Swedish seed union at Svalof at work and illustrates changes in plant improvement by selection, scientific crossing, exposure of seeds to X-rays, and chemical treatment of seeds to double chromosomes. (USDA)

- So 218 WORST OF FARM DISASTERS 9 min. sound jh-sh-c-adult \$.25

The danger of fire on a farm without electrification is presented to show that installation of R. E. A. lines solves the problem. (USDA)

Forests

- So 31 ABC OF FORESTRY, THE 10 min. sound (Guide) el-jh-sh-c \$.25

Teaches the fundamentals of tree growth and good forestry practices. (USDA)

- 5 BIG GAME AND THE NATIONAL FOREST 10 min. silent jh-sh-c-adult \$.25

Brings out the relation of the national forest to the preservation of big game and discusses management problems. (USDA)

- So 1841 CONSERVATION OF NATURAL RESOURCES 11 min. sound jh-sh-c \$1.50

Water power, forests, and farm lands are considered. Early wastes in the lumbering industry and agriculture are indicated and the results of these are shown. This is followed by an explanation of steps which have been taken and are now being planned to conserve these resources. (Erpi)

- So 12 FOREST SERVES MAN, THE 10 min. sound *jh-sh-c-adult* \$.25
How the forest furnishes wood, water, food for animals, and refuge for man. Care of the forest—erosion control, tree nurseries, and fire control. (USDA)
- So 1256 FOREST TREASURES
24 min. sound (Guide) *el-jh-sh-c-adult* \$.25
World wide search for rare woods and the story of their utilization in plywood and veneers from Egypt of the Pharaohs to England's luxury liner—the "Queen Mary." (Veneer Association)
- So 211 OCALA 11 min. sound (Guide) *jh-sh-c-adult* \$.25
The Ocala National Forest in Florida; how the "Big Scrub" area of central Florida has been developed into an attractive and productive area. (USDA)
- So 51 OPERATION OF A FOREST NURSERY 10 min. *el-jh-sh-c* \$.25
How tree seeds are gathered and planted and how seedlings are cared for until ready to transplant in the open. (USDA)
- So 57 PINE WAYS TO PROFIT
20 min. sound (Guide) *jh-sh-c-adult* \$.25
This picture shows the new source of profit being found in the southern pine by farmers, and emphasizes the value of sustained-yield cutting and proper conservation methods. (USDA)
- So 49 RECREATION 30 min. sound (Guide) *el-jh-sh* \$.25
A trip of a nerve-wracked family of city dwellers through the National Parks. (USDA)
- So 210 STRENGTH OF THE HILLS
11 min. sound (Good) (Guide) *sh-c-trade-adult* \$.25
The hill country of the lower Ohio and the Ozark Mountains is the background for showing the importance of forests in supporting community life. (USDA)
- So 4202 TIMBER FRONT 21 min. sound (Good) *jh-sh-adult* \$2.00
Gives an account of the importance of Canada's forests in the nation's war effort, and stresses also the vital part which they will play in the reconstructive social planning which will follow. The reckless exploitation of the forests in bygone days is contrasted with the care and foresight devoted to the woodlands today, and it is shown how every citizen can assist in the conservation of the forest resources which form so great a part of Canada's coming wealth. (National Film Board of Canada)
- So 30 TREE OF LIFE, THE 17 min. sound (Guide) *el-jh-sh-c* \$.25
Portrayal of how the forestry resources of the United States have been depleted to the extent that regulated cutting is now necessary on both public and private land. Illustrates methods of conservation. (USDA)
- So 62 TREES TO TAME THE WIND
12 min. sound (Guide) *jh-sh-c-adult* \$.25
A Forest service official shows how trees may be planted as wind-breaks and shows the improvement in the soil and crops. (USDA)

Gardening

- So 244 THE FARM GARDEN 20 min. sound (Color) jh-sh-c-adult \$.25
The picture illustrates gardening principles just as effectively for the city as for the farm garden. Depicting an actual farm garden throughout the seasons, it covers virtually all phases of the planning and the doing. With a down-to-earth, simple narration it is designed to be practical, impressive, and concise from the instructional point of view. The major phases of gardening are shown. (USDA)
- So 1025 GARDEN FOR VICTORY 11 min. sound jh-sh-adult \$.25
Every step in planning and cultivating of a home vegetable garden 20x50 clearly shown. Timetable is based on north central zone, but allowance factor is indicated. (Bell and Howell)
- So 1021 GARDENS FOR VICTORY 8 min. sound jh-sh-adult \$.25
While placing major emphasis on the reasons why Victory Gardens are needed as part of civilian war work, it covers the main practical points to be followed in making a good food garden. Suggests how to get more details from private and governmental sources. (Meredith Publishing Co.)
- So. 65 GROW YOUR OWN GARDEN 20 min. sound el-jh-sh-c-adult \$.25
The picture sets forth in light vein the essentials of good gardening: Information is given on the preparation of the soil, how to lay out a garden, planting, transplanting, cultivating, weed and pest control, and watering. The picture closes with a series of humorous "DON'TS" designed to bring home, through exaggeration, the many pitfalls that might mar the success of an amateur gardener. (USDA)
- So 359 HOW TO PLAN A VICTORY VEGETABLE GARDEN 11 min. sound (1943) sh-c-trade-adult \$.25
Contains specific suggestions for choosing the location of the garden, determining its size and selecting the best crops to plant. Points out that a well-chosen vegetable diet provides many essential vitamins and minerals. Explains the best source of these elements. (Aetna)
- So 241 SAVING THE GARDEN CROP 11 min. sound (1944) sh-c-adult \$.25
The film shows a family of four planning their vegetable garden. They harvest, can and store the vegetables. (USDA)
- So 360 SUMMER CARE OF THE VICTORY GARDEN 11 min. sound (Color) (1943) el-jh-sh-c-adult \$.25
Gives definite suggestions on plant cultivation, pest control, weeding, mulching, watering, thinning and other phases of cultivation. (Aetna)

Lumber

- 470 CONQUEST OF THE FOREST 10 min. silent jh-sh-c-adult \$.25
Presents scenes in the logging country of the Northwest. Gives a comprehensive picture of the lumber industry, its magnitude, and modern methods of operation. (National Film Board of Canada)

- So 1330 DIXIE LOGGING *12 min. sound sh-c-adult \$.25*
The story of the way in which Dixie Loggers serve the lumber industry to increase production and to decrease cost. Usefulness of modern machines. (Caterpillar Tractor Company)
- 441 DRIVE IS ON, THE *8 min. silent jh-sh-c-adult \$.25*
An epic of the lumber industry when thousands of logs are driven down rivers to the mills. (Canadian Government)
- 720 FROM THE WOODS TO THE MILL *10 min. silent jh-sh-c-adult \$.25*
The complete logging operations of the Red River Lumber Company at Westwood, California. (Caterpillar Tractor)
- 469 LUMBERING IN BRITISH COLUMBIA *8 min. silent jh-sh-c-adult \$.25*
Depicts the lumber industry of Canada; lumbering operations, from the felling of the giant trees to the export shipping of the finished product. (National Film Board of Canada)
- So 2622 SHOCK TROOPS *11 min. sound jh-sh-c-adult \$.25*
The tremendous part lumber plays in building a country and fighting a war is described in this film. Its heroes are the loggers and sawyers, the shock troops of the timberline who cut billions of board feet of lumber a year for the war effort. Opening with running shorts of our shock troops on the fighting fronts, the film then swings to the shock troops of labor, the men in the factories, the power plants and mills. (OWI)
- So 4201 STORY OF CANADIAN PINE *30 min. sound jh-sh-adult \$2.50*
The vast stands of white pine in Eastern Ontario feed one of the most important and valuable branches of Canada's great lumber industry. The story of Canadian white pine is covered in detail, including woods operations, the spring drive of logs down the waterways to the mills, the transformation of logs into lumber, and the grading and shipping of this useful product to the markets of the world. (National Film Board of Canada)
- So 217 TREASURES OF THE FOREST *15 min. sound jh-sh-c-adult \$.25*
Shows the cutting and transportation by sleighs, trucks, electric railways and waterways of logs to the pulp and saw mills; cutting logs into lumber and pulpwood; the manufacture of the wood pulp, paper and viscose and the conversion of viscose into rayon fibers. (USDA)

Plant and Animal Diseases

- So 1295 BLACK SCOURGE, THE *11 min. sound sh-c-adult \$.25*
Illustrates some of the ways in which the scientist and farmer work together to produce grain. Reveals intimate life secrets of some of the most dangerous disease enemies of grain, such as stinking smut of wheat, the smuts of oats and rye, stripe disease of barley and seedling disease of corn. (Bayer-Semesan)
- 456 FLEA HOPPER *16 min. silent jh-sh-c-adult \$.25*
Control of the flea hopper by dusting cotton with sulphur. (Freeport Sulphur Co.)

- So 343 HIDDEN ENEMIES** *20 min. el-jh-sh-c-adult \$.-----*
 A study of the habits of the social insect termite and the destruction caused by it as well as the method of prevention of termite destruction. (Terminix Co.)
- 858 POTATO ENEMIES** *10 min. silent sh-c \$1.00*
 Shows potato enemies which attack the vines above the ground, such as flea beetles, Colorado potato beetles, leaf hoppers, and tarnished plant bugs; also, underground insects and diseases that attack potato tubers, such as wireworms, wheat wireworms, *Rhizoctonia fungus*, potato scab, millipedes, white grubs (in adult stage May beetles), slugs, and flea beetle larvae. (Eastman)
- So 48 SUPPRESSING FOOT AND MOUTH DISEASE** *9 min. sound jh-sh-c \$.25*
 The effect of this disease, how it spreads, and measures necessary for its control. (USDA)

Soil

- So 208 BLESSINGS OF GRASS** *20 min. sound (Guide) jh-sh-c-adult \$.25*
 The Forest Service fosters understanding between stockmen and rangers. Grazing lands are being utilized for common good. (USDA)
- 67 IRRIGATION—BRIEF OUTLINE** *10 min. silent el-jh \$.25*
 Covers the important points in irrigation. (USDA)
- So 1848 IRRIGATION FARMING** *11 min. sound (1939) (Guide) el-jh-sh \$1.50*
 Shows man's ingenuity in using the resources of nature to make usable and profitable a land that would otherwise be arid and desert, incapable of supporting vegetation. Illustrates how engineers harness the water which begins with melting mountain snow, as well as how the farmer uses the water by various methods of irrigation such as the pipe, the canvas, and the ditch methods. (Erpi)
- So 35 MUDDY WATERS** *10 min. sound sh-c \$.25*
 Story of land use and abuse in the Southwest. Shows conditions when the white man came and how his grazing and farming depleted soil-binding vegetation, resulting in destruction of the soil by floods and erosion. Gives methods of control. (USDA)
- So 27 RAIN ON THE PLAINS** *10 min. sound sh-c \$.25*
 This film, which is mainly concerned with the Southern Great Plains, shows what the wind does to the soil, and sand drifts around homes and buildings. When rain falls, the grass and crops grow abundantly. Shows conservation methods such as planting strips of wind-resisting crops, making land level and stabilizing with grass, leaving stubble on fields, planting trees to break sweep of winds, etc. (USDA)
- So 228 SAVE THE SOIL** *11 min. sound sh-c \$.25*
 A general discussion of the problem of soil conservation; shows the part that soil has played in history. (USDA)

So 59 TERRACING IN THE NORTHEAST

11 min. sound sh-c-adult \$.25

Shows construction and uses of terraces and other erosion control measures as applied to northeastern part of United States. (USDA)

So 1177 TERRACING TO SAVE OUR FARMS

10 min. sound jh-sh-c-adult \$.25

Starting with scenes of erosion damage caused by small, insignificant looking washes and huge gullies that are beyond control, shows corrective measures that can be used. (International Harvester)

So 203 WISE LAND USE PAYS

17 min. sound sh \$.25

Discusses the principles of soil conservation by the use of contour cropping, and reforestation of land unsuited to crops or pasture. Photographic sequences illustrate recovery of gullied land, checking of erosion by diversion ditches, terracing, strip-cropping. (USDA)

ANTHROPOLOGY AND ARCHAEOLOGY

- So 1221 **ADVENTURE BOUND** *17 min. sound jh-sh-c-adult \$.25*
 An archaeological expedition to the land of the Navajos; Rainbow Bridge, Monument Valley, homes of ancient cliff dwellers, burial ground. (Ford Motor Company)
- 824 **ANTHROPOLOGY EXHIBITS IN THE UNIVERSITY CENTENNIAL EXPOSITION** *10 min. silent sh-c \$1.00*
 Dr. J. E. Pearce explains the figure of a Comanche woman in the Central Exhibit; stone artifacts of Central Texas; shell, bone and stone ornaments; cross-section of a typical Central Texas "burnt rock mound"; three general culture levels or strata found in the large middens; case of Texas pipes; a multiple burial; an exact copy of an Apache shield; specimens of Texas Indian pottery.
- 467 **DIGGING UP THE PAST** *10 min. silent jh-sh-c \$.25*
 Shows the Badlands of the Red Deer Valley, Alberta, the most prolific field in the world for Palaeontological research, and how dinosaurs are located and secured; also depicts the work of assembling the fossilized bones of prehistoric monsters at the Royal Victoria Museum, Ottawa. (National Film Board of Canada)
- 899 **LOST WORLD, A** *11 min. silent jh-sh-c-adult \$1.00*
 A story made from the Conan Doyle book by the same name. It is an exhibition in motion of extinct prehistoric animals recreated in full-scale, lifelike models. (Eastman)

ARTS AND CRAFTS

So 1922 ARTS AND CRAFTS OF MEXICO

11 min. sound (1939) (Guide) el-jh-sh \$1.50

Native craftsmen are shown in their home workshop. Spinning sheep's wool, the weaving of serapes (sleeveless coat-like blankets), basket making, glass-blowing, and pottery making, each is treated in detail. Concludes with a display and discussion of Mexico's famous Guadalajara pottery. (Erpi)

369 CIVILIZATION'S FABRICS *25 min. silent el-jh-sh \$.25*

The manufacture of cotton fabrics, including methods of ginning, carding, drawing, weaving, and finished product. (Fruit of the Loom)

731 FROM DESERT SANDS TO SPARKLING GLASS CREATIONS

14 min. jh-sh \$.25

Portrays the making of glass, from start to finish. (Kerr Glass Co.)

922 GLASSBLOWING TECHNIQUE

10 min. silent (Guide) jh-sh \$1.00

Gives correct procedure and manipulations for elementary glass blowing with Pyrex glass. Shows the technique employed in joining tubes of unequal diameters and the method of forming bulbs. (Eastman)

So 1851 METAL CRAFT

11 min. sound (1939) (Guide) jh-sh-c-trade-adult \$1.50

Presents the steps taken by a master craftsman in making a pewter bowl by spinning and shaping a blank for later soldering to a cast base. The craftsman then creates a bronze bowl by raising, smoothing, annealing, planishing, and burnishing a blank disc. Methods of constructing a candlestick mold, inserting the core, pouring, removing, and finishing the pewter cast are demonstrated. The designing, chasing, shaping, and soldering the sides and top of a jewel box are also shown. (Erpi)

954 POTTER'S WHEEL, THE

8 min. silent jh-sh-c-trade-adult \$1.00

A study in industrial evolution, showing the manufacture of porcelain insulating parts for electric apparatus, including the mixing of ingredients, molding, turning, glazing, and firing in huge kilns.

So 1852 POTTERY MAKING

11 min. sound (1939) (Guide) el-jh-sh-c-adult \$1.50

Shows a professional potter at work mixing clay preparatory to centering it on a wheel, shaping, trimming, and preparing it for firing. An Indian bowl is constructed by the ancient method of building up and shaping coils of clay, on which a primitive design is later added. (Erpi)

So 3028 WORKSHOPS OF OLD MEXICO

11 min. sound el-jh-c-trade \$1.50

Primitive methods are used for the making of some pottery which is baked in the sun. An Indian woman prepares fibers to be twisted into rope which when finished is strong enough for almost any purpose. Then many examples of glass work created by two of Mexico's outstanding craftsmen in this art are shown. (Gutlohn)

ATHLETICS—Physical Education

Baseball, Basketball, and Football

- So 3079 CHAMPIONSHIP BASKETBALL *10 min. jh-sh-c \$1.50*
Nat Holman demonstrates defensive and offensive plays. (Official Films)
- So 1159 FIRST CENTURY OF BASEBALL *37 min. sound el-jh-sh-adult \$.25*
Based upon the findings of the Mills Commission. Traces the story of the national pastime from its inception to the present, showing how the type of play developed from the days of big bats and bare-handed fielders to the highly developed style of the current major leagues. (General Motors, Inc.)
- So 4006 FOOTBALL—OUTSTANDING GAMES OF THE 1938 SEASON *10 min. sound jh-sh-adult \$1.50*
Outstanding plays of 1938 season's nine best games: Michigan-Yale; Carnegie Tech-Notre Dame; Columbia-Pennsylvania; Tulane-Mississippi; Cornell-Portsmouth; Notre Dame-Northwestern; Army-Navy; Luke-Pitt; Texas Christian University-Carnegie Tech. (Cinepix)
- So 3082 FOOTBALL PARADE OF 1944 *11 min. jh-sh-c-adult \$1.50*
Major college games graphically analyzed. (Castle Films, Inc.)
- So 3080 FOOTBALL THRILLS OF 1939 *10 min. sound jh-sh-adult \$1.50*
Outstanding games of 1939 season's ten best games: Ohio-Cornell; Notre Dame-Navy; Northwestern-Oklahoma; Princeton-Harvard; Pennsylvania-Michigan; Pitt-Carnegie Tech; Missouri-New York University; Michigan-Minnesota; Yale-Harvard; Army-Navy. Hardhitting plays and game winning plays, in close-up. (Castle Films, Inc.)
- So 3081 FOOTBALL THRILLS OF 1942 *10 min. sound jh-sh-adult \$1.50*
Close-up action shots of the season's major games as seen through the telescopic eye of the camera. (Castle)
- So 1305 INSIDE BASEBALL *30 min. sound jh-sh-c-adult \$.25*
This movie thoroughly covers the important fundamentals of play on both pitching and hitting—in slow motion. There are also shorter sequences on catching, base running and infield play. (Chicago Film Laboratory)
- 6001 PORT ARTHUR VS. HIGHLAND PARK 1944 *35 min. silent jh-sh-c-adult (outside Texas—\$2.00)*
The University Interscholastic League's 25th Annual State High School Football Championship game played in Memorial Stadium at Austin, Texas, December 30, 1944. The Highland Park High School, champion of Districts 1 to 8, inclusive, represented north and west Texas. Port Arthur High School, champion of Districts 9 to 16, inclusive, represented south and east Texas. (VIB)

6005 TEXAS-A. & M. FOOTBALL GAME—1944

26 min. silent *jh-sh-adult* \$1.25

Action shots of the 1944 football game between Texas University and Texas A. & M. College.

So 1260 TOUCHING ALL BASES 45 min. sound *el-jh-sh-c-trade* \$.25

How Professional baseball is played. (American League of Professional Baseball)

So 1306 WORLD SERIES OF 1944 30 min. sound *jh-sh-c-adult* \$.25

Shows play by play highlights of all the World Series games with other added features. This movie includes the important plays of every game between the St. Louis Cardinals, World Champions, and the Champions of the American League St. Louis Browns. The hitting, pitching and field gems of the Baseball Classic of 1944. (Chicago Film Laboratory)

Boxing—Wrestling—Physical Fitness

So 4009 BODY BUILDING 10 min. sound (Good) *el-jh-sh* \$.50

The daily activities of the Summer Naval School Boys at Culver, Indiana, including such sports as boxing, marching, boat racing, and pushball. (Cinepix)

1672 PHYSICAL FITNESS PROGRAM

25 min. silent *jh-sh-c-adult* \$2.00

Demonstrated by U.S. Navy Pre-Flight School, conducted by the Extension Division of The University of Texas through the University Interscholastic League. The Navy demonstrates the activities that are used in the U.S. Navy Pre-Flight schools to properly condition aviation cadets. It also illustrates how to teach specific skills in boxing, wrestling, soccer, hand to hand combat, basketball, military drill, mass exercises, swimming and football.

So 4017 SELF DEFENSE 10 min. sound *el-jh-sh* \$.50

The daily activities of the boys of the Woodcrafters Camp, Culver, Indiana, including marching and amateur boxing. (Cinepix)

1671 TEXAS PHYSICAL FITNESS PROGRAM IN ACTION

17 min. silent *el-jh-sh* \$1.50

Presents the club activities such as hiking, chinning, jumping, rope climbing, etc., as demonstrated by clubs at the Boy Scout Camp at Camp Stewart. (Interscholastic League)

Golf

So 4013 FAIRWAY FAVORITES 10 min. sound *jh-sh-adult* \$.50

Demonstration in slow motion of the fundamental golf strokes by champions. (Cinepix)

So 4019 WINNING PATTERNS 10 min. sound *jh-sh-adult* \$.50

Presentation of mental patterns for winning games in golf, diving, pole vaulting, sprinting, and tennis. Champion players demonstrate the various techniques in slow motion. (Cinepix)

Other Sports

- 377 BALLOON RACING *8 min. silent el-jh-sh-adult \$.25*
Stunting, taking off on races. (Goodyear Rubber Co.)
- So 4010 BOWS AND ARROWS *10 min. sound jh-sh-c-adult \$.50*
An intimate study of the bow and arrow types with a short treatment of the proper form of shooting, and demonstrations by champions using various distances and bows of different weights. (Cinepix)
- 879 DAVIS CUP TEAM *10 min. silent jh-sh-c-adult \$1.00*
United States vs. Australia, North American Davis Cup Zone Finals, 1936, played on the courts of the Germantown Cricket Club—Adrian Quist of Australia vs. Wilmer Allison of the United States. (Cinegraphic)
- So 4014 GLIDING *10 min. sound el-jh-sh \$.50*
The demonstration of the operation of the glider by the Boy Scouts. (Cinepix)
- 754 SPORT THAT THRILLS, THE *10 min. silent jh-sh-c \$.25*
Motorcycle champions in action. (Goodyear Rubber Co.)

Track and Field Events

- So 1916 DASHES, HURDLES AND RELAYS
17 min. sound (1938) (Guide) jh-sh-c \$2.00
The technique of the dashes—100, 200, and 400 meters. Three types of good form in hurdling are illustrated and attention also given to the techniques of passing the baton in relay races. (Erpi)
- So 4015 HIGH STEPPERS *10 min. sound jh-sh-c \$.50*
Demonstrations of cross-country running, relay racing, hundred yard dash, walking, hurdling, high jumping, and broad jumping. (Cinepix)
- 559 INTERSCHOLASTIC LEAGUE FIELD AND TRACK MEET
13 min. silent jh-sh-c \$.25
(University Interscholastic League)
- So 1906 JUMPS AND POLE VAULT
11 min. sound (1938) jh-sh-c \$1.50
Includes demonstrations from actual competition in the running high-jump, running broad jump, hop, step and jump, and the pole vault, in slow motion. (Erpi)
- 1670 LEAGUE, FIELD, AND TRACK MEET
15 min. silent (1942) jh-sh-c (University of Texas)
- So 1853 WEIGHT EVENTS *11 min. sound (1938) (Guide) sh-c \$1.50*
Demonstrates the shot put discus throw, hammer throw and javelin, in slow motion. Two styles of form are demonstrated in the javelin throw, together with techniques of holding, release and leg action. (Erpi)

Water Sports

- So 3075 **ELEMENTARY TACTICS OF LIFESAVING** 23 min. sound *jh-sh-c-adult* \$3.00
Shows how to gain control of the victim by the surface and under-water approaches. (Castle Films)
- So 1046 **LEARN TO SWIM** 20 min. sound (Good) *el-jh-sh-c* \$.25
The American Red Cross in coöperation with the Civilian Conservation Corps demonstrates every step in learning to swim; getting used to water; breathing, floating, standard arm and leg stroke, and diving. (USDA)
- So 1047 **LIFE SAVING** 15 min. sound (Good) *el-jh-sh-c* \$.25
Explains the requirements, adaptation, personal safety, approaches, carries, and resuscitation by the Schafer method. (USDA)
- So 3020 **POETRY OF MOTION AND OLYMPIC DIVING CHAMPIONS** 11 min. sound *jh-sh* \$1.50
Slow motion studies of various forms of sport, culminating with championship diving by Olympic stars. (Gutlohn)
- So 4018 **SPLASHING THROUGH** 10 min. sound *el-jh-sh* \$.50
Explains the elementary principles of swimming, with interesting analogies. (Cinepix)
- So 3059 **SWIMMING AND DIVING ACES** 10 min. sound (Good) *el-jh-sh-c-adult* \$1.50
Early training necessary to excell in sport; fear of water must be eliminated; slide for youngsters; technical facility gradually developed; father and daughter do swan dive together. Water ensembles, under-water swimming. (Castle)
- So 3063 **WATER SPORTS** 10 min. sound (1939) *el-jh-sh-c-adult* \$1.50
Includes scenes of sailing, speedboats, aquaplane racing, fishing, swimming, diving, and other sports. (Castle)

Winter Sports

- So 4200 **HOT ICE** 21 min. sound (1943) (Good) *jh-sh-adult* \$2.00
The documentary approach to sport adopted in this film results in both a human and scientific exposition of this game which Canada has given to the world. The skills of ice hockey are analyzed from the first simple rules taught to child players, to the complex tactics of experts. Free use is made of diagrams and slow motion to make abundantly clear the organic maneuvers of the fastest game on earth. (National Film Board)
- So 3058 **ICE CARNIVAL** 10 min. sound (1940) *el-jh-sh-c-adult* \$1.50
Flashing blades dash around the arena in a competition of stamina and daring. Free style skating is the headline attraction of the ice carnival, and even youngsters participate. (Castle)
- So 400 **LET'S GO SKIING** 10 min. sound *el-jh-sh-adult* \$.25
Beginners and experts skiing on the snow-covered mountains of Canada. (Dept. of Mines and Resources—Canada)

- So 3061 **SKI REVELS** *10 min. sound (1939) jh-sh-c-adult \$1.50*
 The film opens with scenes of snow plows opening the roads and railroads to skiing areas as the skiers wax their skis and make other preparations for the adventures ahead. The ski lift tows them to the top of the run—then down they come. (Castle)
- So 3062 **SNOW THRILLS** *10 min. sound (1939) jh-sh-c-adult \$1.50*
 Frozen sports—ice yachts in dangerous places; bob-sledding at 60 miles an hour; ski-joring; skaters; skiers; hikers; mushers. (Castle)
- 387 **WINTER SPORTS** *15 min. silent jh-sh-c-adult \$.25*
 Scenes of such sports as tobogganing, ash-can cover slide, ice skating, riding in dog sleds, cross-country ski races. (Yosemite Park & Curry Co.)
- 70 **WINTER SPORTS IN THE NATIONAL FORESTS OF CALIFORNIA** *11 min. silent el-jh-sh-c-adult \$.25*
 Variations in winter landscapes of snow; recent inaccessibility of winter playgrounds; today giant snow plows unlock mountain fortresses. Sculpturing in snow. Winter sports: tobogganing; ash-can-cover slide; iceskating; riding in a dog sled; winter sports carnivals; cross-country ski races; "slalom" race; ski-jumping. (USDA)
- So 37 **WINTER WONDERLAND** *11 min. sound el-jh-sh-c \$.25*
 Illustrates the varied winter sports that may be enjoyed on the National Forests, such as skiing, snowshoeing, tobogganing, skating. (USDA)

BIOLOGY

Animals

- So 1797 **ANIMAL LIFE** *10 min. sound jh-sh-c-adult \$1.50*
Reviews the main types and functions of animals. Animated diagrams depict the tree of life and body functions. Closeups show species of Sponges, Coelenterates, Echinoderms, Worms, Molluscs, Crustaceans, Insects, Amphibians, Reptiles, Birds, and Mammals. Illustrations of locomotion, food intake, digestion, waste disposal, respiration, and nervous system activities of different species are provided. (Encyclopaedia Britannica Films)
- 952 **ANIMALS OF THE NEW WORLD** *11 min. silent el-jh-sh-adult \$1.00*
Animals of the Americas in zoo and native habitat; such animals as the bear, deer, sheep, elk, buffalo. (Educational Film Service)
- 953 **ANIMALS OF THE OLD WORLD** *11 min. silent el-jh-sh-adult \$1.00*
Shows animals of the Old World: gorillas, baby pandas, lions and cubs, etc. (Educational Film Service)
- So 1980 **ANIMALS OF THE ZOO** *10 min. sound (Guide) p-el \$1.50*
The lion, tiger, eland, giraffe, bison, hippopotamus, rhinoceros, elephant, monkeys, sea lions, brown, black and polar bears and the different kinds of food they eat. (Encyclopaedia Britannica Films)
- 412 **AROUND THE YEAR IN THE BIG WOODS** *8 min. silent jh-sh-adult \$.25*
Glimpses of wild animal and bird life in the New Brunswick woods, during the different seasons of the year. (Canada Department of Mines and Resources)
- 841 **BRE'R RABBIT AND HIS PALS** *15 min. silent el-jh-sh \$1.00*
Animals of the "rodent family" rabbits, squirrels, prairie dogs, woodchucks, mice, jerboas and marmots with a close-up working skeleton of the jaws that distinguish this family. The story of hibernation. (Films of Commerce)
- So 1979 **COMMON ANIMALS OF THE WOODS** *11 min. sound (Guide) p-el-jh-sh \$1.50*
Pictures the squirrel, rabbit, raccoon, porcupine, otter, mink, beaver, possum, skunk, and woodchuck. In each instance the distinguishing characteristics of the animal are shown, such as the ability of the beaver to build a dam and habit of the mother possum carrying her young on her back. (Encyclopaedia Britannica Films)
- So 5207 **CONY** *11 min. sound jh-sh-c-adult \$1.50*
Life cycle of the Cony, which is related to the rabbit. Lives in mountainous parts of the United States. (Donavin Miller)

- 1680 DAIRY CATTLE, TYPES AND BREEDS *11 min. silent jh-sh-c-adult \$1.00*
Shows the five dairy breeds: Holstein, Jersey, Guernsey, Ayrshire, and Brown Swiss; the characteristics of these respective types, their origin and the history of their introduction into the United States. (Society for Visual Education)
- So 4012 DOGGING IT *10 min. sound jh-sh-c-adult \$.50*
Dog acrobats performing various interesting stunts, and the racing Greyhounds after the mechanical hare. Shows the daily care and training of the Greyhound. (Cinepix)
- 1631 DOG SHOW *10 min. silent el-jh-sh-adult \$1.00*
A canine carnival, complete from mutts to the bluebloods of dogdom; performing dogs, high divers, Labrador retrievers, a thrilling hunt with a pack of thoroughbreds, and a dog show of the finest pedigreed champions in the world.
- So 1981 ELEPHANTS *11 min. sound (Guide) p-el-jh-sh \$1.50*
The setting of this film is a farm where elephants are trained as circus performers. Mumbo, a trained elephant eats her breakfast of hay. Her great ears, her small, weak eyes, her trunk, feet, and tail are shown and her great strength is demonstrated. She bathes, she drinks and wallows in the water until ordered out. She scratches her back on a tree and takes a dust bath. She is put through her tricks. Mumbo dances, sits up, rides the boy on her back, and even stands on her head. A few days later, a circus owner comes to take Mumbo away, leaving two baby elephants to be trained. A part of the process of training them for circus acts is depicted. (Encyclopaedia Britannica Films)
- So 1816 FARM ANIMALS *10 min. sound (Guide) el-jh \$1.50*
Follows a farmer through a typical day of caring for his animals. On arising, he feeds and milks the cows and cares for their milk. After pasturing the cows, the farmer turns his attention to his horses and pigs. He then sets off for work in the fields with his team. Other characteristic farm scenes include: a new-born calf and colt, young pigs and lambs nursing, a goat and kids frolicking, and the shearing of sheep. Natural sounds are provided. (Encyclopaedia Britannica Films)
- So 1888 FROG, THE *10 min. sound (Good) (Guide) el-jh-sh-c \$1.50*
Life cycle of the frog; the development of the embryo in a continuous scene of only a few seconds. The several changes taking place in the tadpole stage are portrayed by picture and narrative. Slow motion photography demonstrates the graceful movements of the frog in jumping. (Erpi)
- 779 GIFT OF LIFE,—PART I *11 min. silent jh-sh \$1.00*
Shows the simplest form of life, the amoeba, or single cell, and other simple forms, such as yeast, ulothrix, and edogonium. (American Social Hygiene Association)
- 781 GIFT OF LIFE—PART III *11 min. silent jh-sh \$1.00*
Pacific salmon pictured in the spring as they swim up the rivers, force their way through rapids, and leap waterfalls. Habits of chick and rabbit. (Eastman)

- So 1818 GOATS** *10 min. sound (Guide) el-jh-sh \$1.50*
 Depicts the domestic life of a herd of goats on a farm. The feeding and care of mature goats are shown. Two baby goats are depicted in characteristic activities including frolicking, climbing, jumping, grazing, butting each other, chewing clothes, and defying the farm dog. A billy goat pulls the farmer's boy in his miniature wagon to deliver milk. After a young mother and a little girl are engaged in conversation, boy and billy goat return to the farm. (Encyclopaedia Britannica Films)
- So 1817 THE HORSE** *10 min. sound (Guide) el-jh-sh \$1.50*
 After showing the role of the horse in modern life, the film follows the development and training of a colt from one week to three years of age in the Blue Grass country of Kentucky. A horse breeder, his granddaughter, and a trainer care for the colt, Pride, who is being trained for the walking, trotting, and cantering gaits before appearing in a horse show. (Encyclopaedia Britannica Films)
- So 1977 HOW NATURE PROTECTS ANIMALS** *10 min. sound (Guide) el-jh-sh-c \$1.50*
 Various ways by which animals are provided with devices to conceal themselves, either for the purpose of protection, or as a means of securing food, are shown. Examples are given of natural protection through fleetness of foot, mimicry, protective coloration, armor and secluded homes. Included in the picture are the rabbit, raccoon, giraffe, tiger, lion, zebra, goat, pheasant, looper caterpillar and the bee hawk moth. (Encyclopaedia Britannica Films)
- 422 HUNTING WITHOUT A GUN** *11 min. silent jh-sh-c-adult \$.25*
 Deer, moose, grizzly bear and other species of wild animals, in Canadian National Parks. (Canada Department of Mines and Resources)
- So 1705 HYDROZOA** *11 min. sound (1942) jh-sh-c-adult \$1.50*
 Structure, feeding habits, digestion, and reproductive systems of the amoeba and paramecium. Diagrammatic comparison of the two. (Institutional Cinema)
- So 4016 INTERESTING TALES** *10 min. sound jh-sh-c-adult \$.50*
 Dogs—in their many interesting poses, depicted in real life and by an artist. (Cinepix)
- So 5205 KANGAROO RAT** *11 min. sound jh-sh-c-adult \$1.50*
 A nocturnal desert rat, which lives in the desert around the Colorado River; diets; use of long tail similar to that of the Kangaroo; spectacular fight between the rat and the Sidewinder Rattlesnake. (Donavin Miller)
- So 1058 LIVESTOCK AND MANKIND** *11 min. sound sh-c \$.25*
 Dr. T. R. Mohler, Chief of the Bureau of Animal Industry, tells how veterinary science has helped to increase the usefulness of domestic animals to mankind. (USDA)
- 943 OUR FOUR-FOOTED HELPERS** *11 min. silent jh-sh \$1.00*
 Cows, camels, giraffes, and other ruminants. Digestive systems explained.

- So 1304 **OUT OF THE HEART** 11 min. sound el-jh-sh-c-adult \$.25
Tells the heart-warming story of a boy and his dog. Kindness, loyalty, patience, teamwork and other desirable character traits are often strengthened in humans by association with animals. (Filmedia Corporation)
- 881 **PIGS ON THE FARM** 11 min. silent p-el \$1.00
A detailed and intimate study of young and adult pigs produced by an excellent primary teacher. (Hollywood Film Enterprise)
- 9 **PORCUPINE CONTROL IN THE WESTERN STATES** 15 min. silent jh-sh \$.25
Shows physical characteristics of the porcupine; damage done; control methods. (USDA)
- 983 **PROWLING HEDGEHOGS; STRANGE PLAYMATES** 6 min. silent jh-sh \$.50
The adventures of a hedgehog with other animals—the slug beetle, a cat, a dog, etc. Various animals living and playing together.
- 994 **RAT MENACE, THE** 11 min. silent jh-sh-adult \$1.00
A forceful, educational picture showing the habit of the rat, how rats spread disease, damage millions in property, and how to exterminate them.
- So 29 **REGULATED DEER HUNTING** 15 min. sound jh-sh-adult \$.25
Illustrates how deer are removed by trapping, artificial rearing, and shipping of fawns when they become too numerous. (USDA)
- 29 **REGULATED DEER HUNTING** 11 min. silent jh-sh-adult \$.25 (USDA)
- So 402 **RETURN OF THE BUFFALO** 11 min. sound jh-sh-c-adult \$.25
Traces the fate of the buffalo, from before the Indians came to the near-extinction caused by white men. Preservation of buffalo herds in Canadian park is shown. (National Film Board of Canada)
- So 1978 **SHEP—THE FARM DOG** 11 min. sound p-el-jh-sh-adult \$1.50
Follows an attractive collie dog during his busy day about the farm. After herding the cows to pasture and routing the chickens from the garden, Shep is rewarded with a good breakfast. Later, Shep pursues a woodchuck to his hole and, after fruitless digging, rejoins Tommy, his young master, for a hike and swim, during which he retrieves sticks and assists Tommy in swimming to shore. (Encyclopaedia Britannica Films)
- So 207 **VANISHING HERDS** 12 min. sound (Guide) el-jh-sh-adult \$.25
A grandfather tells two children how the bison, elk and other game animals and birds have been nearly exterminated, and what Federal and other agencies are doing to restore them, particularly with reference to national forests. (USDA)
- So 1706 **WILD ELEPHANT ROUND UP** 10 min. sound (1941) el-jh-sh-c-adult \$1.50
A band of twenty natives under the leadership of one white man sight and stalk a herd of 800 elephants into African wastelands. Armed with only ropes they succeed in capturing a number of

the frightened beasts who put up a tremendous struggle, uprooting trees in their frenzy. The captured elephants are taken off among older, tamed elephants. (Institutional Cinema)

- 423 **WILD LIFE WAYS** 7 min. silent *jh-sh* \$.25
Various species of Canadian animals and birds in their native habitat. (Canada Department of Mines and Resources)
- 894 **WILD LIFE WEST OF THE PECOS** 12 min. silent (*Kodachrome*) *el-jh-sh* \$1.00
Picturesque scenes west of Pecos River. Bighorn mountain sheep, mule deer, elk, antelope, birds, and jackrabbit included. (Game, Fish, and Oyster Commission—Texas)
- 920 **WORK DOGS OF THE NORTH** 10 min. silent *jh-sh-c-adult* \$1.00
Selected scenes of the beast of burden of the North. Dog-teams on a trail over rough ice and steep mountains. Care and feeding of the dogs. Dog-teams pulling canoes upstream in summer.

Birds

- 447 **AMERICAN EIDER DUCK, THE** 8 min. silent *jh-sh-c* \$.25
How the American eider duck lives, nests, and breeds. How eiderdown is collected, cleaned, and made ready for use in the manufacture of eiderdown quilts and pillows. (Canadian Government)
- 420 **BIRD CITY** 6 min. silent *el-jh* \$.25
Shows the great nesting colony of white pelicans which formerly occurred at Johnston Lake, Saskatchewan. Other bird species shown include heron, cormorant, gull, and tern. (Canada National Parks Bureau)
- 437 **BIRDS OF BONAVENTURE** 6 min. silent *jh-sh-c* \$.25
Glimpses of the famous Canadian bird sanctuary at Bonaventure Island in the Gulf of St. Lawrence and the various types of Canadian seafowl that nest in countless thousands on the cliffs of this picturesque home of birds. (Canadian Government)
- So 1838 **BIRDS OF PREY** 11 min. sound (1938) (*Guide*) *el-jh-sh-c* \$1.50
Several common species belonging to the group of birds of prey are presented. Among them are the turkey vulture, black vulture, marsh hawk, red-tailed hawk, rough-legged hawk, bald eagle, sparrow hawk, barn owl, screech owl, great horned owl, and snowy owl. They are shown in their natural habitats, and pursuing their characteristic activities. Typical calls and sounds characteristic of the birds are presented. (Erpi)
- 446 **BIRDS RARE AND FANTASTIC** 10 min. silent *jh-sh-c* \$.25
Life and habits of the Red-throated Loon, the Double-crested Cormorant, and the common Cormorant. (Canadian Government)
- 417 **BONAVENTURE ISLAND** 10 min. silent *jh-sh-c* \$.25
Glimpses of the habitat of the Canadian seafowl on the cliffs at Bonaventure Island in the Gulf of St. Lawrence. (Tourist Bureau, Province of Quebec)

3 BROODING AND REARING CHICKS

25 min. silent *jh-sh-c-adult* \$.25

Designed to show up-to-date methods in handling chicks in the brooder house. (USDA)

So 1710 BUSHLAND REVELS 9 min. sound (1941) *el-jh-adult* \$1.50

The lyre bird is seen here in its natural surroundings,—the male, female, and the chick. The nest is also seen and the feeding of the young as well as its first attempts to walk. Unusual courting shots of the male and the recording of his song. (Australian N & I Bureau)

So 5206 COOPER HAWK 11 min. sound *jh-sh-c-adult* \$1.50

The life cycle of the Cooper Hawk, which includes nests, eggs, the young, the adult; their habitats and diets. (Donavin Miller)

4 DUCK FARMING 10 min. silent *jh-sh-c-adult* \$.25

Breeds of ducks; farm flocks; commercial duck farming on Long Island. (USDA)

854 EL PAISANO—THE ROADRUNNER; FIGHTERS OF THE DEEP; INSECT ENGINEERS 8 min. silent *jh-sh-c* \$1.00

The life of this strange bird, the Chaparral, showing the clever devices by which small lizards and other creatures elude him in his quest for food. Shows lizards dropping off sections of their tail to foil this bird. An encounter between an octopus and a crab. The Parasol Ant, a leaf-cutting ant living in South America, considered to be the strangest ant in the world. (Institutional Cinema)

445 FLEET WINGS 11 min. silent *jh-sh-c-adult* \$.25

Dealing with the life and habits of the Herring Gull, the Ring-billed Gull, and the Caspian Tern. (Canadian Government)

890 FLYING FISHERMAN 11 min. silent *jh-sh-c-adult* \$1.00

Brown Pelican colony on island off Texas coast; eggs, babies, and adult habits of these birds.

So 20 FLYWAYS OF MIGRATORY WATERFOWL

11 min. sound *jh-sh-c-adult* \$.25

A record of studies showing that migrations of waterfowl are made over four well-defined routes. (USDA)

So 21 GAME BIRD FARMING 11 min. sound *sh-c-adult* \$.25

How to raise game birds; emphasis on disease control. (USDA)

21 GAME BIRD FARMING 11 min. silent *sh-c-adult* \$.25 (USDA)444 HOME OF THE BIRDS 11 min. silent *jh-sh-c-adult* \$.25

The first in a series of films entitled "Canadian Sea Fowl" dealing with the north shore of the Gulf of St. Lawrence where many varieties of Canadian seafowl make their home and breed their young in protected areas. Includes scenes of the scenery and inhabitants of this district. (Department of Mines and Resources—Canada)

- So 5204 **HORNED OWLS** *11 min. sound jh-sh-c \$1.50*
Life cycle of the Horned Owl. Points out characteristics. (Donavin Miller)
- 25 **HOW AND WHY OF BIRDBANDING, THE** *20 min. silent sh-c-adult \$.25*
A record of birdbanding activities—how, why, and results. (USDA)
- 897 **HOW BIRDS FEED THEIR YOUNG** *8 min. Color silent (1940) (Guide) el-jh-sh-c-adult \$1.00*
The mother birds of the indigo bunting, bluebird, thrush, cedar waxwing, humming bird, goldfinch, heron, snakebird, least bittern, quail and grouse feed and care for the baby birds. (Eastman)
- 963 **MONARCHS OF THE AIR** *3 min. silent jh-sh-c-adult \$.25*
The life story of an Imperial Eagle, from egg to maturity. (Institutional Cinema)
- 435 **NIMRODS IN DUCKLAND** *10 min. silent jh-sh-c-adult \$.25*
On the wings of October's northern blasts come the ducks, pausing in their passage south to rest upon the broad bosom of the upper St. Lawrence. Here the camera joins a party of hunters in quest of these feathered prizes, and brings to you striking scenes of great flocks at rest upon the water and sweeping upward in flight, of hunters lying in wait behind their blinds, shooting, hitting, missing, and intelligent retrievers glorying in their part of the sport. (Canadian Government)
- 448 **NOMADS OF THE OCEAN** *12 min. silent jh-sh-c-adult \$.25*
A camera party pays a visit to the land of countless common and rare seafowl, on the northern shore of the St. Lawrence Gulf. The life and habits of the Puffin, Common Murre, Ringed Murre, and Razor-billed Auk, and how they are protected under the migratory Birds Convention Act. (Canadian Government)
- So 200 **POULTRY—A BILLION DOLLAR INDUSTRY** *25 min. sound sh-c-adult \$.25*
Shows the magnitude of the poultry industry in the United States, and how it is conducted; poultry farms; hatcheries; poultry dressing, and handling of poultry products. (USDA)
- So 5208 **ROADRUNNER** *11 min. sound jh-sh-c-adult \$1.50*
Life cycle of the Roadrunner. Shows actual hatching of baby bird. (Donavin Miller.)
- 892 **SOME BIRDS OF TEXAS** *13 min. silent jh-sh-c-adult \$1.00*
American coot, pied-billed grebe, long-billed dowitcher, grebe, little blue heron, Louisiana heron, glossy ibis, yellow crowned night heron, wild turkey (young), lesser snow geese, scissor-tailed flycatcher feeding young, grackle, golden fronted woodpecker, redwinged blackbird, robin red breast, field sparrow, cardinal, American goldfinch, mourning doves, Mexican ground dove, bobwhite, quail, wild turkey hen, wild turkey gobblers. (Texas Game, Fish, and Oyster Commission)

- 205 T. B. OR NOT T. B. *16 min. silent sh-c-adult \$.25*
Fowl tuberculosis and methods of combating a plague that is taking a high toll among the flocks of Midwestern States. (USDA)
- So 1837 THRUSHES AND RELATIVES
11 min. sound (1939) (Guide) el-jh-sh-c-adult \$1.50
The habitats, feeding habits, brooding, development and activities of the bush-tit, chickadee, hermit thrush, russet-backed thrush, robin, bluebird and water ouzel; natural sounds of the different bird calls and songs. (Erpi)
- 893 TRAPPING TURKEYS IN TEXAS
11 min. silent jh-sh-c-adult \$1.00
Title self-explanatory. (Texas Game, Fish, and Oyster Commission)
- 449 TURKEY TIME IN MANITOULIN
8 min. silent jh-sh-c-adult \$.25
In recent years, Manitoulin Island, on the northern shores of Lake Huron, has become one of the foremost poultry breeding districts of Canada. The various phases of the commercial turkey industry in this section are portrayed. (Canadian Government)
- 891 WILD LIFE OF SOUTH TEXAS
20 min. silent jh-sh-c-adult \$1.25
Rattlesnakes, doves, wild turkeys, mockingbirds, vermilion fly-catcher, owl, great blue heron, scarlet tanager, mourning doves, starlings, pipit, red-tailed hawk, Jackrabbit, sandhill cranes, armadillo, quail, ducks, collared peccary or javelina, and their young. (Texas Game, Fish, and Oyster Commission)
- 825 WINTER VISITORS *11 min. silent jh-sh-c \$1.00*
Shows the following waterfowl: pelican, sandhill crane, Canada geese, snow goose, Hutchins' goose, white-fronted goose, grey geese, black brant, canvasbacks, whistling swan, brown pelican. (Frank R. Church)

Fish

- So 1266 ALASKA'S SILVER MILLIONS
35 min. sound (Good) (Guide) el-jh-sh-c-adult \$.25
Shows Alaska and its industries, especially the fascinating salmon industry. Presents the life cycle of the salmon, and methods of catching and canning salmon. (American Can Company)
- 266 ALASKA'S SILVER MILLIONS
25 min. silent el-jh-sh-c-adult \$.25
- 981 BATTLING SHRIMP; MURDEROUS MIDGET FISH; SEA HARE AND THE ATLANTA FIGHTING LOBSTERS
12 min. silent jh-sh \$1.00
The peculiar habits of this little creature that lifts more than its own weight, and its fight for existence. Hand-sized sharp-toothed little demons—the Piranha of the Amazon River devours a 140-pound waterhog in six minutes.

- A photographic study of Water Snails taken in the Mediterranean Sea.
A lobster engages in a battle for life with a Panther Shark, an Electric Ray, and an Octopus.
- 419 **BATTLING TUNA** 10 min. silent *jh-sh-adult* \$.25
Fishing for game tuna from a small boat off the coast of Nova Scotia. (National Parks Bureau—Canada)
- 432 **BATTLING WITH MUSKIES** 10 min. silent *jh-sh-adult* \$.25
A sporting film replete with action depicting a fishing trip to the lake district of Northern Ontario and containing thrilling views of expert anglers in action against the fiercest and largest of fresh water fish—the Muskinonge. (Canadian Government)
- 452 **CHICKEN OF THE SEA** 20 min. silent *jh-sh-adult* \$.25
Depicting the catch and production of Tuna Fish in the California industry. (Van Camp Sea Food Company)
- 843 **CRAYFISH AND STICKLEBACK** 9 min. silent *sh* \$1.00
The crayfish—detailed story describing his structure, surroundings, habits, breeding. The stickleback—only fish that builds a nest, somewhat similar to that of a bird. This shows the fish, its peculiarities, its nest with the eggs in it, the male guarding it and the lively family of little sticklebacks. (Films of Commerce)
- 908 **FIGHTERS OF THE DEEP; FOUR FOOTED DANCERS; FIGHTING LOBSTERS; BATTLING SHRIMP** 10 min. silent *jh-sh-c* \$1.00
An encounter between an octopus and a crab.
Dance of a Salamander at the bottom of the sea.
A lobster engages in a battle for life with a Panther Shark, an Electric Ray, and an Octopus.
The peculiar habits of this little creature that lifts more than its own weight, and its fight for existence. (Institutional Cinema)
- 966 **HERMIT CRAB, THE; SEA HARE AND THE ATLANTA STARFISH, THE** 7 min. silent *jh-sh* \$.75
Underwater study of the mutual household of a Crab and a Sea Anemone.
A photographic study of Water Snails taken in the Mediterranean Sea.
An amazing study of the starfish, the enemy of the oyster banks. (Institutional Cinema)
- 936 **JEWELS OF THE SEA** 8 min. silent *jh-sh-c* \$1.00
A study of Coelenterata with underwater scenes. What seems to be a submarine garden is disclosed as a group of living animals. We see their leaf-like tentacles catching tiny fish. (Institutional Cinema)
- 896 **LET'S GO FISHING** 12 min. silent (Color) *sh-adult* \$1.00
Man fishing for catfish in Lake Buchanan, boy fishing along Guadalupe River, using dough bait for suckers, catching crappie. (Texas Game, Fish, and Oyster Commission)

- 964 MURDEROUS MIDGET FISH; SLOTH, THE; INSECT ENGINEERS *9 min. silent jh-sh-c \$.75*

Hand-sized sharp-toothed little demons—the Piranha of the Amazon River devours a 140-pound waterhog in six minutes. Shows the capture of this slow moving mammal found in the tropics of South and Central America. The Parasol Ant, a leaf-cutting ant living in South America, considered to be the strangest ant in the world.

- So 1840 SNAPPING TURTLE, THE

11 min. sound (1940) (Guide) el-jh-sh \$1.50

Presents the life story of an interesting reptile in its natural habitat. Studies the snapping turtle's detailed features, habits, and its encounters with other animal life. The laying of the eggs and the hatching are two outstanding episodes. A painted turtle is introduced for purposes of comparison. (Erpi)

- So 1258 SPONGE FISHING *11 min. sound (Good) jh-sh-c \$.25*

A presentation of sponge fishing and of the preparing and grading of sponges for market. (J. H. Rhodes & Co.)

- So 28 TROUT STREAM IMPROVEMENT *11 min. sound jh-sh-c \$.25*

Types of structures and control means used to restore trout streams, and the rearing and planting of trout. (USDA)

- 939 UNDERWATER HOUSEHOLDS *10 min. silent jh-sh-c \$1.00*

How the Paradise Fish cares for its young. Few fish pay any attention to their young, but those that do, provide a fascinating study. Records first the courtship of the Paradise Fish, the building of the nest of air-bubbles, and the protection of the young by the male. (Institutional Cinema)

- 421 WARRIORS OF THE DEEP *10 min. silent jh-sh-c \$.25*

Broadbill swordfish—off coast of Nova Scotia. Four hours' fight to catch 600-pound fish. (Canada National Parks Bureau)

Insects

- 842 ANIMAL CAMOUFLAGE *11 min. silent el-jh-sh \$1.00*

Microscopic and slow motion photography provide studies of crabs, worms, caterpillars, toads, lizards, the walking stick, the walking leaf, praying mantis and other animals and insects that employ protective mimicry in the struggle for existence. (Films of Commerce)

- So 1877 APHIDS *11 min. sound el-jh-sh-c \$1.50*

Deals with the life history of the common plant louse. Scenes of the first generation, wingless stem-mothers, bearing young every ninety minutes are unique. Closeups of the insects laying eggs, molting, and feeding are supplemented with the time-lapse study of their wing development and a microscopic examination of their beaks. Their role in supplying ants with honey-dew is revealed and the attacks of Syrphus Fly larvae and Ladybird Beetles on aphids are portrayed. (Erpi)

- 929 **BABY SONGBIRDS AT MEALTIME** 10 min. silent el-jh \$1.00
Nature study dealing almost entirely with little songbirds and their eating habits. Pictures parent birds feeding their nestlings. Some of the birds shown are: sparrows, linnets, canaries, bullfinch, chaffinch, brown linnet, titmice and chickadees, the long-tailed tomtit, European warbler and the marsh wren. (Films of Commerce)
- So 1799 **BEETLES** 10 min. sound (Guide) jh-sh-c-adult \$1.50
Treats in detail the egg, larva, pupa, and adult stages in the lives of the Tiger, Japanese, and Ladybird Beetles. Closeups show the habitats of each and permit study of their characteristics, including their relation to other insects. Time-lapse scenes of the transition from one stage to the next are provided. Animation traces the spread of the destructive Japanese Beetle in the northeastern United States since 1916. Methods of combating the insect in government experiment stations are portrayed. (Encyclopaedia Britannica Films)
- So 6 **BLOCK THAT TERMITE** 20 min. sound jh-sh-c-trade-adult \$.25
Habit and habitat of the subterranean termite are explained. After showing poor construction methods in animation and actual photography, methods of protecting infested buildings from further damage and point to be observed in new construction are given. (USDA)
- So 1889 **BUTTERFLIES** 11 min. sound (Guide) el-jh-sh-c \$1.50
Life history of the cabbage butterfly and the swallowtail butterfly with their different characteristics and habits, including their role in nature, that of aiding in the cross-fertilization of flowers. The destructiveness of the cabbage butterfly, as well as its unusual control by a natural enemy is depicted. (Erpi)
- 985 **BUTTERFLIES AND MOTHS** 8 min. silent jh-sh-c-adult \$1.00
Life history and metamorphosis of the monarch butterfly and the cecropia moth in detail, with some phases of transition in slow motion; the butterfly's tubed tongue; magnification of its wings, etc. (Devry)
- 844 **FLY—OUR COMMON ENEMY** 11 min. silent jh-sh-c-adult \$1.00
This is a motion picture study of the housefly in which every stage of development from the egg to maturity is shown; also a detailed study of the fly's marvelous eyes with their thousands of tiny lenses. (Eastman)
- So 1839 **HONEYBEE, THE** 11 min. sound (1940) (Guide) jh-sh-c-adult \$1.50
Unusual photography describes the development of the honey bee with due emphasis upon the roles of the workers, the queen, and the drones. Egg, larva, and cocoon stages in the lives of the workers are shown in detail. (Erpi)
- 969 **HONEY MAKER, THE; BEES AND SPIDERS** 13 min. silent jh-sh-c-adult \$1.00
Diligent bees convert nectar into honey. Importance of the Queen bee; stages of development of the workers; the pollen bags; magnification of the head, etc., swarming. The nest and web of the field spider; its mating habits; spinning the web.

- 66 HORSES AND BOTS *20 min. silent sh-c \$.25*
Shows the three types of botflies; how they attack and render horses and mules useless for work; methods of treatment and how eradication campaigns are carried out. (USDA)
- So 1910 HOUSE FLY *11 min. sound (Guide) jh-sh-c-adult \$1.50*
The film tells the complete story of this common but extremely dangerous pest. The four stages of the fly's life cycle are shown—egg, larva, pupa, and adult. Its activities as a carrier of disease germs are presented vividly. (Erpi)
- So 3038 IN OUR GARDEN *11 min. sound (1942) jh-sh-c-adult \$1.50*
A walk through the garden reveals the bee, hornets and nest, squirrel, mother oriole and nest, spider, caterpillar, dragon-fly, snail, slug, beetle, earthworm, moth, butterfly, lady-bug, and ant. (Institutional Cinema)
- 913 KINGDOM OF THE BEE *10 min. silent jh-sh-c-adult \$1.00*
Community life in a hive of bees.
- So 46 MORMON CRICKET, THE *20 min. sound sh-c-adult \$.25*
Brief history of how the cricket got its name. Life history; methods of control. (USDA)
- 806 MOSQUITO, THE *11 min. silent jh-sh-c-adult \$1.00*
The ponds and puddles where one or two hundred eggs are laid at a time; the hatching under water; the breathing tube, abdomen and thorax under a microscope; the larvae or "wrigglers" feeding on animal and plant life; rising to the surface for air and moulting three times; the pupae or "tumbler" resting at the top of the water; the skin splitting, and the mosquito emerging and drying its wings.
- So 1048 MOSQUITO—PUBLIC ENEMY *13 min. sound jh-sh-c-adult \$.25*
Discusses the mosquito as a pest affecting man and beast; varieties and life history; safeguards and methods of control. (USDA)
- 68 MOSQUITOES *60 min. silent jh-sh-c-adult \$.25*
Life history. (USDA)
- So 1798 MOTHS *10 min. sound (Guide) jh-sh-c-adult \$1.50*
Presents the complete life histories of the silk and white-marked tussock moths, together with their economic importance. The egg, larva, pupa, and adult stages are depicted. Closeups provide intimate studies of the moth eggs; the caterpillars eating their way out of and emerging from the eggshells; their feeding, molting, and weaving of their cocoons; the moths emerging from the cocoons and undergoing further modifications prior to embarking on their short lives. (Encyclopaedia Britannica Films)
- 69 REALM OF THE HONEY BEE *45 min. silent (Guide) jh-sh-c \$.25*
Life history of the honey bee, containing close-ups. (USDA)

- 928 SINGING AND STINGING *10 min. silent el-jh-sh \$1.00*
 Life history of the mosquito, including microscopic views of the eggs floating in water, hatching, feeding, swimming, breathing of larva; development of larvae through stages into the mosquito. Methods of ridding place of the pest are also shown. (Films of Commerce)
- So 235 SIX-LEGGED SABOTEURS *10 min. sound (1943) el-jh-sh-c-adult \$.25*
 Humorous cartoon sequence followed by a study of close-ups of insects. Shows the significance of controlling insect pests that destroy crops and spread disease during war time. (USDA)
- So 1878 SPIDERS *11 min. sound jh-sh-c \$1.50*
 Tells the life story of the Nursery-web Spider and illustrates the peculiar habits and characteristics of the Orb-web, Funnel-web, and Trap-door spiders in their habitats. A microscopic study of a spiral web and close-ups of its spinning, together with scenes of spiders attacking, stinging, and ensnaring insects, are shown. The underground home of the Trap-door Spider with its beveled and hinged door leaves the observer marveling at the apparent intelligence of such activities. (Erpi)
- So 1796 TINY WATER ANIMALS *10 min. sound (Guide) jh-sh-c-adult \$1.50*
 Describes, with microscopic studies, the life processes of amoebae and paramecia, with major emphasis on the former, including time-lapse scenes of its reproduction. The activities of Rotifers; Ciliate, Chestnut-shaped, and Chiloden protozoa; Nematode and Bristle Worms, Swan animalcule, Stentor, Volvox, and Desmids are depicted. The shape and movements of human white blood corpuscles are compared with those of the amoeba. (Encyclopaedia Britannica Films)
- 919 TRAP-DOOR SPIDER, THE *5 min. silent jh-sh-c-adult \$.50*
 Spider builds home in burrow and lines it with web; constructs clever waterproof trap-door. (Vision Hill)
- 937 TRAPS FOR INSECTS *10 min. silent jh-sh-c-adult \$1.00*
 A praying mantis catching and eating a grasshopper—also how this insect lays its eggs; how the pitcher plant traps ants and other insects; flies entangled in the sun dew; the Venus fly-trap capturing a fly; and the chameleon at work with its limber tongue.
- So 63 WHITE-FRINGED BEETLE *20 min. sound sh-c-adult \$.25*
 Life history of the beetle; various methods of control of this pest in the southern states. (USDA)
- So 1879 WINGED SCOURGE *11 min. sound (1943) el-jh-sh-c-adult \$.25*
 This color film shows the development of the Anopheles mosquito from the larva to full growth. Gives general mosquito control. The Seven Dwarfs play an important part in the demonstration of the various methods of mosquito control. (CIAA)

Plants

- So 1885 DODDER, THE *10 min. sound (Guide) el-jh-sh-c \$1.50*
 The entire life story of the dodder, one of the best known of the group of parasitic flowering plants, is shown by means of time-lapse photography, accompanied by an explanatory narrative. Among the more impressive features is the presentation of the dodder twining about the host plant. Details in structure and operation of the suckers; destructive character of this plant is demonstrated, as well as the beauty of the flowers. (Erpi)
- So 1876 FLOWERS AT WORK *11 min. sound jh-sh-c \$1.50*
 The structure and function of the sepals, petals, stamens, pistil, anthers, pollen grains, style, and ovary are shown by animated drawings. Reproductive processes of the Monkshood, Snap-dragon, Poor Man's Orchid, Lupin, Meadow-sage, Corn-flower, and Daisy are presented. An enlargement of a single Dandelion floweret is shown. Time-lapse photography reveals the graceful movement of the Tulip, Snow-drop, Spider-wort, Dandelion, Globe-thistle, and Everlasting flowers in opening and closing. Different methods of pollination are depicted. (Erpi)
- So 1886 FUNGUS PLANTS *11 min. sound (Guide) el-jh-sh-c \$1.50*
 Growth and reproduction of various mushrooms illustrated by time-lapse photography and animation; molds and other fungi. The economic importance of these plants in their use for food, destruction of dead organic matter, their cause of disease in plants. (Erpi)
- So 1875 LEAVES *10 min. sound (Guide) el-jh-sh-c \$1.50*
 Structure, functions and types of leaves; shows in detail the parts of a leaf and a cross-section shows the arrangement of cells and veins for the manufacture of food. The actual process of food-making is revealed by animation. (Erpi)
- So 1004 LIFE OF PLANTS *12 min. sound jh-sh-c-adult \$.25*
 Time-lapse photography shows how seeds germinate and how roots, stems, leaves, and flowers develop. (USDA)
- 372 LIVING CELL, THE *10 min. silent el-jh-sh-c \$.25*
 Single-celled organisms, appearance of yeast under microscope, the amoeba feeding, growing, and dividing, the paramecium. Many celled organisms, the hydra, flatworm, tissue cells, a shred of muscle, ciliated epithelium, cell division, dividing plant cells, animal cells dividing. (Eastman)
- So 1351 ORCHIDS *11 min. sound (Color) (Excellent) el-jh-sh-c-adult \$.25*
 The story of orchids and other tropical plant life in South America. (CIAA)
- So 1873 PLANT GROWTH *10 min. sound (Guide) el-jh-sh-c \$1.50*
 Deals with the growth of plants. The pea is used as an example, and the film presents the complete life history from the sprouting of the seed to the dispersal of the ripened seeds in the mature plant. The processes of pollination and fertilization are clearly shown by means of photography and by animated diagrams. (Erpi)

- So 1982 PLANT TRAPS 10 min. sound (Guide) *jh-sh-c* \$1.50
Shows how the pitcher plant lures insects to its trap, where they drown. The sundew, another carnivorous plant, is shown throughout its life cycle. The enfolding of insects by its leaf tentacles is presented by means of time-lapse photography. (Encyclopaedia Britannica Films)
- So 1874 ROOTS OF PLANTS 10 min. sound (Guide) *jh-sh-c-adult* \$1.50
Various forms of roots are first presented. Time-lapse and micro-photography are employed frequently to bring out the interesting processes of growth, structure, and other characteristics. The functions of the root-cap and the root-hairs are presented. An experiment in osmosis is demonstrated and explained, followed by an animation of water absorption by the roots. (Erpi)
- 989 SEED AND SEED DISPERSAL 10 min. silent *jh-sh-c* \$1.00
Life cycle of plant described in non-technical terms; detailed study of types of seeds and how they are dispersed by various agencies. (Institutional Cinema)
- So 1887 SEED DISPERSAL 11 min. sound (Guide) *jh-sh-c* \$1.50
Shows ways by which seeds of plants are scattered in order to insure the propagation of the species. The methods illustrated include dispersal by the wind, transportation by animals, and forceful propulsion from the seed-case. Germination of seeds under various conditions. (Erpi)

Reptiles

- 972 DEADLY ENEMIES; SATAN'S HENCHMAN—THE TIGER RATTLESNAKE 6 min. silent *jh-sh-adult* \$.50
A fierce fight for life between two snakes.
Deals with the vicious Tiger Rattlesnake and its way of life, and a meeting between a six-foot specimen and his enemy—man.
- 938 KILLING THE KILLER 8 min. silent *el-jh-sh-c* \$1.00
The Cobra and the Mongoose—the snake charmers of India and their dancing cobras; the expanded hood of this deadly snake; capturing a rat. The mongoose attacks the cobra, gradually wears the snake out, and thus breaks its neck.
- 990 MENACING REPTILES 10 min. silent *jh-sh-c* \$1.00
Capture of a large crocodile; live snakes in action; death battle between two snakes. (Institutional Cinema)

COMMERCIAL—OFFICE PRACTICE

- So 1341 AMERICAN PORTRAIT *28 min. sound sh-adult \$.25*
Dedicated to America's soldier of progress—the salesman—it is the story of improvements and better ways of life which have come into being during the past century. (Thompson Company)
- So 1298 BEAUTY AND QUALITY *28 min. sound jh-sh-adult-trade \$.25*
A salesman explains the ten points of a GE refrigerator. (General Electric)
- So 1197 SURPRISE PARTY, THE *50 min. sound sh-adult-trade \$.25*
Deals with salesmanship methods in Texaco filling stations. (Texaco Company)
- So 1346 THERE'S NOTHING TO IT *17 min. sound el-jh-sh-trade-adult \$.25*
Charles Butterworth as a washing machine salesman. (Westinghouse)

ENGLISH AND LITERATURE

So 3015 MASTER WILL SHAKESPEARE

11 min. sound el-jh-sh-c-adult \$1.50

A brief and somewhat fictionized story of the life of Shakespeare with special emphasis on his play "Romeo and Juliet." The commentary is sober and instructive. The musical accompaniment is well suited to the picture. (Teaching Film Custodians)

So 4008 ONE SUMMER DAY

8 min. sound jh-sh-adult \$.50

Dramatization of the song "The Sweetest Story Ever Told"—musical background, and monologue. (Cinepix)

So 4007 VILLAGE BLACKSMITH, THE

10 min. sound jh-sh-c-adult \$.50

Dramatization of the poem by the same title—musical background, and monologue. (Cinepix)

GEOGRAPHY

Adventure

- So 4002 ACROSS THE WORLD WITH MR. AND MRS. MARTIN JOHNSON *75 min. sound jh-sh \$9.00*
Adventures in South Sea Islands, Africa, and other lands. Excellent pictures of wild animals, natives, and cannibal adventures. (Cinepix)
- So 4003 BOTTOM OF THE WORLD *40 min. sound jh-sh-c-adult \$4.00*
Story of an Antarctic expedition, showing animals and bird life. (Cinepix)
- So 4004 SOUTH SEA ADVENTURES *50 min. sound jh-sh-c-adult \$6.00*
High adventures in the South Seas, with Mr. and Mrs. Gifford Pinchot and their son, Giffy. Natives, animals, fish, birds, and flora. (Cinepix)

Cities and Towns

- So 481 ALGONQUIN WATERS *11 min. sound (1942) jh-sh-c-adult \$.25*
A film trip to Algonquin Park in Ontario. (National Film Board of Canada)
- So 405 BYWAYS OF NEW FRANCE *11 min. sound jh-sh \$.25*
An imaginary trip through the Province of Quebec, beginning with the City of Quebec and continuing through Gaspé and other outlying districts. Much stress is placed on the life of the inhabitants and their agricultural pursuits. Lumbering, spinning, weaving, and canoe building are shown. (Quebec Tourist Bureau)
- So 428 CANADA—OTTAWA, WARTIME CAPITAL *11 min. sound jh-sh \$.25*
Picturesque description of the City of Ottawa and its people during wartime. (Canadian Government)
- So 471 CANADA'S COZY CORNER—HISTORIC QUEBEC *11 min. sound jh-sh-c \$.25*
Picturesque description of historic Quebec. (National Film Board of Canada)
- 751 CONQUERING THE JUNGLE *11 min. silent jh-sh-c-adult \$.25*
Transforming the wilds of Sumatra into a modern rubber plantation. Amusements and pastimes of the people are depicted in an interesting manner. (Goodyear Rubber Co.)
- So 1027 HELLO NEIGHBOR *32 min. sound (1943) (Color) el-jh-sh-c-adult \$.25*
This is the story of Mr. and Mrs. John Smith and their two children who move to Austin and are given a stirring welcome by the populace. The history of the city is given by the many scenes of historical landmarks in and around Austin. (Chamber of Commerce)

- 411 ISLAND OF ORLEANS 11 min. silent *jh-sh-c-adult* \$.25
A trip through the Island of Orleans, showing the people, homes, and industries. (Canadian Tourist Bureau)
- 834 ISLE OF MARKEN; CHEESE MARKET OF ALKAMAAR; CANALS AND STREETS OF AMSTERDAM 9 min. silent *jh-sh-c-adult* \$1.00
Tourists arriving in the village; narrow ways; washday; full skirt and queer looking hats; hay making. Testing, tasting, and weighing cheese before it is sent on its way to a hungry world. Royal Palace, Old Mint Tower, and other scenes in the city.
- 429 MARITIME PROVINCES, THE 6 min. silent *jh-sh-c-adult* \$.25
Visits through Nova Scotia, New Brunswick, Prince Edward Island, and Cape Breton Island with the important cities and scenic spots of these districts. (Canadian Government)
- So 1332 MIDDLETON FAMILY AT THE NEW YORK WORLD'S FAIR, THE 55 min. sound (Good) *jh-sh-adult* \$.25
A presentation of the wonders of science as were revealed at the Westinghouse exhibit of the World's Fair, in story form, with the controversy of machinery versus labor as a part of the typical family romance. (Westinghouse Electric Co.)
- So 1451 NASSAU IN THE BAHAMAS 11 min. sound *jh-sh-c-adult* \$1.50
Presentation not only of tourist side, but also of native industries of Nassau. (Nu-Art Films, Inc.)
- So 3050 NEW YORK—THE WONDER CITY 11 min. sound (1939) *el-jh-sh-c-adult* \$1.50
Shows New York's famed harbor, Miss Liberty, lower Broadway, the historic Sub-Treasury where George Washington took his oath of office as first President, Wall Street, inside and outside the Stock Exchange, the Bowery, the push cart markets of the lower East Side, exotic Chinatown, Old Trinity, the Tombs, Fifth Avenue and St. Patrick's Cathedral on Easter morning, Central Park in summer, spring and winter air panoramas of the 102-story-high Empire State Building, Radio City, the towering Chrysler Building, Harlem, the New Riverside Drive, and George Washington Bridge. (Castle)
- So 1151 OHIO TRAVELOG—CINCINNATI 10 min. sound *jh-sh-c-adult* \$.25
A tour of Cincinnati, with views of city streets, statues, railroads, Rockwood pottery, Zoological Gardens. (Ohio State Department of Education)
- So 1150 OHIO TRAVELOG—CLEVELAND 10 min. sound *jh-sh-c-adult* \$.25
Views of the City of Cleveland, Garfield Memorial, Art Museum, Cleveland Auditorium, Airport, Wharfs. (Ohio State Department of Education)
- So 3042 OLD AND MODERN NEW ORLEANS 10 min. sound (1943) *jh-sh-c-adult* \$1.50
A typical travelogue of old and new New Orleans, with special emphasis on the old French section. Colonial public buildings of

France and Spain; cathedrals, parks, statues, quaint streets, iron grilles, balconies; the old French market; small shops; famous old residences; restaurants outdoors; patios with blooming flowers; across Canal Street to the modern city; the four universities. (TFC)

- So 408 OTTAWA ON THE RIVER 16 min. sound el-jh-sh-adult \$.25

Depicts some colorful aspects of life in Ottawa, one of the key cities of North America, with its busy government offices and thriving lumber industry. (Canadian Government)

- So 1371 PAN-AMERICAN BAZAAR 11 min. sound jh-sh-c-adult \$.25

The arts and crafts of the southern republics elaborately displayed in an exhibition at the famous Macy Department Store in New York. (CIAA)

- 988 ROME, THE ETERNAL CITY 10 min. silent jh-sh-c-adult \$1.00

Scenes of old Roman ruins and historic buildings. Scenes in Vatican City; buildings where Christians were fed to animals. (Institutional Cinema)

- 375 SUMATRA—ISLAND OF YESTERDAY

11 min. silent sh \$.25

Habits and customs of the people, views of quaint and little-known villages, inviting brooks and rivers, smoke-crowned volcanoes and other features are shown. Recreations of the dark-skinned natives, the fortnightly "haribazar," the open-air Oriental entertainment and other diversions are shown. The clubhouse, a social center of Americans and Europeans, the village cut-ups on "Main Street" and numerous other sidelights are presented. (Goodyear Tire & Rubber Company)

- So 328 THERE'S ONLY ONE 10 min. sound jh-sh-c-adult \$.25

Presents beauties, historic interest, and lovely scenery of the City of Washington. (Rothacker)

- 689 TOURNAMENT OF ROSES PARADE

16 min. silent jh-sh-c-adult \$.25

Pictorial survey of each float as it passes in front of the camera. Study of float designing and construction, illustrated by Mission Dry Corporation entry: artist's sketch, with predominant theme; 250,000 flowers used in building entry. University of Southern California and University of Tennessee football game. (Cinegraphic Corp.)

- So 1959 VENICE AND THE GLASS MASTER

10 min. sound jh-sh-c-adult \$1.50

Various interesting and beautiful shots of the Grand Canal, Rialto Bridge, St. Mark's and its myriad of pigeons, and the Palace of the Doges. (Veribest Pictures)

- So 1967 WORLD PARADE NO. 1, VENICE THE MAGNIFICENT

10 min. sound jh-sh-c-adult \$1.50

A most artistic picture of the Queen City of the Adriatic. (Castle)

Countries

- So 1984 ALASKA—RESERVOIR OF RESOURCES**
10 min. sound (Guide) el-jh-sh-adult \$1.50
 Developed to show the relationship of people living in Alaska to their environment and the tremendous reservoir of resources which Alaska comprises. The following representative aspects of Alaska's resources are portrayed in this picture: fishing, lumbering, mining, fur trapping, and agriculture. Emphasis is also placed on Alaska's special transportation problems. (Encyclopaedia Britannica Films)
- So 1703 ALOHA**
11 min. sound (1939) el-jh \$1.50
 Some of the customs, industries, and occupational activities of Hawaiians; water sports of the islands; and native music are presented. (The Calvin Company)
- 811 ALONG THE ALASKAN COAST LINE**
10 min. silent jh-sh-c-adult \$1.00
 Forests of spruce and hemlock; salmon fishing and canneries; ice breaking away from glaciers in the fjords; Kodiak, the old Russian capital; an old Russian Greek Church still in use; silver fox farms; sea lions on the rocky coast; coal strata and outcroppings along the shore; Aleut Indians in the Southwest; volcanic area of the "Valley of Ten Thousand Smokes"; wading through mud, pumice, and ashes to reach Mount Katmai. (Church Films)
- So 1961 BEAUTIFUL CZECHOSLOVAKIA**
8 min. sound jh-sh-c-adult \$1.50
 Commonly known as the "Garden of Europe"—an exceptional scenic view of this beautiful but little known Democracy. (Veribest)
- 916 BEAUTIFUL CZECHOSLOVAKIA**
10 min. silent jh-sh-c-adult \$1.00 (Veribest)
- So 1064 CHANGING FACE OF INDIA, THE**
11 min. sound sh-c-adult \$.25
 Shows how western customs are infiltrating into Indian life. Scenes of village life where age-old ways and traditions persist, a dancing bear amusing a village crowd, a farmer plowing with oxen, the practice of primitive medicine, etc., contrasted with the big Indian cities which seem a copy of the life of any western metropolitan center. (British Information Service)
- So 3055 COME BACK TO IRELAND**
11 min. sound (1940) el-jh-sh-c-adult \$1.50
 Open fields, a thatched farmhouse and peasants stacking hay. Farmers at Galway selling their crops and livestock in their best clothes. A view of Sir Walter Raleigh's home; some typical houses; a woman is seen at a spinning wheel; Dublin, the capital of the Irish Free State, is shown. (Castle)
- 987 EGYPT—LAND OF PYRAMIDS**
7 min. silent jh-sh-c \$1.00
 Alexandria, Cairo, and other cities visited. Planting land, pumping water by camel; other intimate scenes of Egypt. (Institutional Cinema)

- 761 FINLAND *10 min. silent el-jh \$1.00*
Views of Helsingfors, the capital, as well as lumber and pulp industries. Other items illustrated are water power, country life, dairy industry, canals, salmon fishing, athletics, winter sports, and views of the ice breakers which keep the harbors open. (Eastman)
- So 1452 GLIMPSES OF FRENCH COUNTRY LIFE *10 min. sound jh-sh-adult \$1.50*
Religious processions and a wedding ceremony are shown along with intimate scenes of home life, industry and market activities in quaint French villages of Brittany, Bourbonnais, and Normandy. (Nu-Art Films)
- So 1290 GLIMPSES OF JAPAN'S ROMANTIC INDUSTRIES *11 min. sound jh-sh-c-adult \$.25*
Pearl cultivation, from the oyster to the bead; the rice, tea, and silk industries. (Japan's Tourist Bureau)
- So 3057 HAWAII *11 min. sound jh-sh-c \$1.50*
The following scenes are well presented: the harbor at Honolulu; street traffic; selling of leis; pineapple farming; making of poi, the chief food; fishing; surf board riding; and the hula dances. (Haines, Dallas)
- 933 HAWAII, THE BEAUTIFUL *10 min. silent jh-sh-adult \$1.00*
Shows the interesting and important phases of Hawaiian life and industry; Hawaiian natives; coffee industry; pineapple growing; tuna fishing; and making of ukeleles. (Films of Commerce)
- So 3025 HOLY LAND, THE *11 min. sound jh-sh-c-adult \$1.50*
Scenes of the life and customs of the Holy Land, which have changed little in 2,000 years. (Gutlohn, Inc.)
- 813 HUNTERS OF THE GREAT WHITE NORTH *10 min. silent jh-sh-c \$1.00*
Eskimos hunting seal and whale, netting birds. Eskimo sports. Views of native boats and weapons. (Church Films)
- So 2011 THE INDUSTRIAL PROVINCES OF CANADA *10 min. el-jh-sh-trade-adult \$1.50*
Orients the industrial provinces, Ontario and Quebec, as the heart of the Dominion of Canada. Shows the relation of this region to the remainder of Canada, to the United States, and other regions of the world. Summarizes products and imports. Sequences are on peopling, furs, mining, agriculture, manufacturing, commerce, and paper and pulp. (Encyclopaedia Britannica Films, Inc.)
- So 1374 INTRODUCTION TO HAITI *11 min. sound jh-sh-c \$.25*
The story of Haiti, which became one of the first independent negro nations in the world. A visit to Port-au-Prince and the City of Cap Haitien. (CIAA)
- So 1289 JAPAN, LAND OF CHARM *11 min. sound jh-sh-c-adult \$.25*
A travelogue of Japan, showing many beautiful scenes. (Japan Tourist Bureau)

- 911 LAND OF CHU CHIN CHOW 10 min. silent *jh-sh-c-adult* \$1.00
China—a land of poverty, scholarship, and art. (Institutional Cinema)
- So 2012 LAND OF MEXICO 11 min. *el-jh-sh-c* \$1.50
Describes geographical features of Mexico, including its natural resources, industries, and other activities of its people in both urban and rural areas. Glimpses of Vera Cruz and Mexico City are shown. The harvesting of corn and wheat, construction of fences and homes, and village marketing scenes lend quaintness to the presentation. Actual recordings of Mexican music are reproduced. (Encyclopaedia Britannica Films, Inc.)
- So 1060 MADE IN INDIA 12 min. sound *jh-sh-c-adult* \$.25
A survey of India's factories and handicrafts and their contribution to the war effort. (OWI)
- So 2015 THE MARITIME PROVINCES OF CANADA 10 min. *el-jh-sh-c-trade-adult* \$1.50
The first sequence offers a brief overview of the region, which includes the three provinces of Nova Scotia, Prince Edward Island, and New Brunswick. An animated sequence shows the peopling of the region from 1710 to the present day. Fishing, furs, agriculture, forest products, and mining are presented as the chief occupational activities. Trade routes indicate the extensive exchange of goods between this region and other regions in Canada and other countries. (Encyclopaedia Britannica Films, Inc.)
- So 1708 NATIVE AFRICA 11 min. sound (1941) *el-jh-sh-c-adult* \$1.50
An intimate filming of tribal customs and primitive existence in the kraals, and an unstaged picturization of wild life in its natural habitat. (Institutional Cinema)
- So 3030 NORWEGIAN SKETCHES 11 min. sound *jh-sh-c-adult* \$1.50
A scenic reel of Norway showing the king's palace, fjords, towering mountains, stupendous glaciers, and a country wedding. (Gutlohn)
- So 1986 PACIFIC CANADA 10 min. sound (Guide) *el-sh-c-trade-adult* \$1.50
This film is concerned with British Columbia, Vancouver Island and the Yukon territory. Orients Pacific Canada with the remainder of the Dominion and the United States. Traces routes of discovery and exploration. Portrays the peopling of the region, with emphasis on part played by climate and by trans-continental and ocean transportation. Other sequences on fishing, lumbering, agriculture, mining and smelting, and interdependence. (Encyclopaedia Britannica Films)
- So 3054 PALESTINE 11 min. sound (1940) *jh-sh-c-adult* \$1.50
A swift look over Palestine; Haifa's modern buildings show Jewish progress; Changeless Arab shepherds and their flocks along the Nazareth road; amazing industrial growth of Tel Avid, its harbor, youth at agriculture, boy scouts, girl scouts; fishing and net drying at Joppa; plowing by oxen. (Castle)

- 1650 PHILIPPINE ISLANDS *20 min. silent jh-sh-c-adult \$1.25*
Industries, customs, and peoples of the Philippine Islands in beautiful color.
- 859 POLAND *11 min. silent (1939) el-jh-sh \$1.00*
Traditional methods of farming are briefly seen, and then some views of the Carpathians. In Warsaw a wide range of architectural styles is shown, from the Jewish quarter to the palaces of nobles and some of the modern buildings. Three parts of Poland—Gdynia, Warsaw and the Carpathians—are presented. (Eastman)
- So 1985 PRAIRIE PROVINCES OF CANADA
10 min. sound (Guide) el-jh-sh-c-trade-adult \$1.50
Orients the Prairie Provinces of Manitoba, Alberta, and Saskatchewan as part of the Dominion of Canada, and in relation to the United States. Includes the Northwest Territories. Its major sequence is concerned with grain growing, tracing the steps from planting to milling. Includes sequences also on peopling, agriculture, furs, transportation, mining, and commerce. (Encyclopaedia Britannica Films)
- So 3053 ROAMIN' IN SCOTLAND *11 min. sound (1940) el-jh-sh-c \$1.50*
Scenes of the hillside as a Scotch song is sung; cattle peacefully graze; more views of the lovely hilly countryside and thistle; birthplace of Robert Burns; Abbotsford; Sir Walter Scott's home—his library, and a statue of him; City of Edinburgh; Princes Street; Edinburgh Castle; a picture of Mary, Queen of Scots. (Haines, Dallas)
- So 1962 SPAIN—YESTERDAY AND TODAY
11 min. sound jh-sh-c-adult \$1.50
Contrasts the Spain of yesterday with that of today. (Veribest Pictures)
- So 1273 THEY DISCOVERED AMERICA
33 min. sound el-jh-sh-c-adult \$.25
Travelogue of the entire United States. (Wilding Picture Productions)
- So 1274 THIS AMAZING AMERICA
36 min. sound (Good) (Color) jh-sh-c \$.25
A Greyhound Bus tour to scenic wonders and historic places throughout the United States. (Southwestern Greyhound)
- So 1968 WORLD PARADE NO. 2—EXOTIC EGYPT
11 min. sound jh-sh-c-adult \$1.50
The story of the Nile; a pageant of ancient and modern religious and national customs. (Castle)

Fishing

- 416 FISHING IN GASPE *20 min. silent jh-sh-c-adult \$.25*
Trout and salmon fishing in the Gaspe River of Canada. (Tourist Bureau, Province of Quebec)

So 1987 NEW ENGLAND FISHERMEN

11 min. sound (Guide) el-jh-sh-c \$1.50

Domestic life and work of New England fishermen. Fishing on Grand Banks is main scene. Work and living conditions aboard a steam trawler which drags a fish net along the ocean floor. (Encyclopaedia Britannica Films)

So 2024 SHELL-FISHING

11 min. el-jh-sh \$1.50

View of oyster, crab, clam, and lobster fishing industries on eastern coast of United States. Planting, dredging, and preparing crops for market. (Encyclopaedia Britannica Films, Inc.)

418 TOILERS OF THE GRAND BANK

10 min. silent jh-sh-c-adult \$.25

How the fisherman of the East Coast gets his living; why Grand Banks are such good breeding grounds for fish; methods and boats used by East Coast fishermen. (Canadian Government)

Indian Life

So 1701 CEREMONIAL DANCES

12 min. sound (1940) jh-sh-c-adult \$1.50

Yei-Ba-Chai Dancers, Navajo; Buffalo Dance, Santa Clara; Mountain Sheep, Jamez; Hoop Dance, Taos; Horsetail, Taos; Eagle, Tesuque; Rabbit, Kiowa; Deer, San Juan; Devil, Apache; Eagle, Hopi; Corn, Hopi. (Ambrosch)

So 2607 HIGH PLAIN

20 min. sound sh-c-adult \$.25

The story of the descendants of the Aymara tribe living on the high plain of Bolivia. For twenty centuries, even before the time of the Incas, they have tilled the soil of the plain and have retained most of their primitive customs and modes of working and living. (CIAA)

So 1702 LIFE AND CUSTOMS OF THE ZUNI INDIANS

11 min. sound (1940) jh-sh-c-adult \$1.50

Primitive methods of agriculture, baking, pottery making and handcraft of the Zuni Indians. (Ambrosch)

930 LITTLE INDIAN WEAVER

10 min. silent el-jh \$1.00

Bah lives on a Navajo Indian reservation and learns from her mother the art of weaving in which the women of her tribe are so skillful. Bah wants the doll of the white child more than anything in the world, and her mother tells her she may weave a blanket to exchange for the coveted treasure at the Trading Post. When the trader refuses to take the blanket, darkness and despondency descend upon the little Indian girl but her friend, the trader's son, buys the doll for her with his savings. After this act of kindness, the Navajos accept the white boy as their friend and teach him many interesting bits of Indian lore and customs. (Films of Commerce)

So 1922 NAVAJO CHILDREN

11 min. sound (Guide) p-el-jh \$1.50

Set in Arizona and New Mexico. The experience of a Navajo boy and girl in moving with their family, household effects, pets, horses, sheep and goats from their winter quarters to their summer home. Following a day's journey by wagon, they camp for

the night with other Navajos, and, after the evening meal, sing native songs. In the morning, the Navajo boys hold a marksman-ship contest with bows and arrows. Another day's travel brings the family to their destination. (Encyclopaedia Britannica Films)

So 1914 NAVAJO INDIANS *11 min. sound jh-sh \$1.50*

Glimpses of Navajo Indian life which few white people know about. High on the Rocky Mountain plateau a Navajo girl while watching her sheep and goats sees a pony race by Navajo boys. The girl later attends a dance where in accordance with custom, the girls ask the boys to dance. (Erpi)

So 1960 PROUDEST AMERICANS *8 min. sound el-jh-sh \$1.50*

The Seminole Indians of the Florida Everglades. Shows them as they now live in their own native domain. (Veribest Pictures)

Inter-American

So 2615 THE AMAZON AWAKENS

33 min. sound (Color) el-jh-sh-c-adult \$.25

The fascinating story of the Amazon River Basin, its history, industrial progress and possibilities for its future. Many of the sequences of this color film are done in true Disney animated style (CIAA)

So 1359 AMERICANS ALL

25 min. sound (Guide) p-el-jh-sh-c-adult \$.25

Animated maps show dates of European conquests of Latin-American countries, chains binding America to Europe, dates of freedom of these countries. Shows their resources, occupations, industries, sports, education and the advance of science in treatment of tropical diseases, and the importance of trade relations between the Americans today. (CIAA)

So 1368 ARGENTINE PRIMER *25 min. sound (1942) jh-sh-c-adult \$.25*

Introductory study of Argentina, with emphasis on educational and economic trends. (CIAA)

So 2608 ATACAMA DESERT *20 min. sound el-jh-sh-c-adult \$.25*

Life and industry in the hot, dry, Atacama Desert of northern Chile. Here are found the rich nitrate deposits for which Chile is famous. Modern mining methods are shown, and there is also an interesting study of the life of the people of the region. (OIAA)

So 2610 BELO HORIZONTE *18 min. sound el-jh-sh-c-adult \$.25*

The story of Brazil's "planned city with a plan." Belo Horizonte, a city of over two hundred thousand inhabitants, is unique in that less than fifty years ago, before a single house or street was built, complete plans for its building were drawn up. Now it is one of the most progressive and modern cities in the world and is located in a section rich in mineral resources. Produced in collaboration with the Office of Strategic Services. (OIAA)

So 2628 BOLIVIA *20 min. sound el-jh-sh-c-adult \$.25*

An over-all study of one of Latin America's most interesting countries. Marked variety of geographic, climatic, and productive conditions are shown. Emphasis is laid on tin which provides almost

all of Bolivia's exchangeable wealth. Rubber, quinine, and the coca leaf are also mentioned, as are the lives of the people concerned with these products. (OIAA)

- So 1356 **BRAZIL** 11 min. sound *jh-sh-c-adult* \$.25
Three cities of Brazil are visited—Rio de Janeiro, Santos and Sao Paulo. Shows clearly all steps from harvesting to shipping coffee. (CIAA)
- So 1049 **BROKEN BARRIER, THE** 8 min. sound *jh-sh-c-adult* \$.25
A story of Panama; the building of the canal and its operation. Atmosphere sequences of the ruins of Old Panama's civilization are entertainingly described by a world traveler. (General Electric)
- So 1358 **BUENOS AIRES** 11 min. sound *el-jh-sh-c-trade-adult* \$.25
Many aspects of the life in the Argentine capital and glimpses of Uruguay's chief city and its gay carnival. (CIAA)
- So 1357 **COLOMBIA** 11 min. sound *el-jh-sh-c-adult* \$.25
Contains scenes of Cartagena, Bogata, and Barranquilla; considerable attention is given to the coffee growing. (CIAA)
- So 1369 **COLOMBIA, CROSSROADS OF THE AMERICAS** 25 min. sound *jh-sh-c-adult* \$.25
Shows extensively the nation, from the lowlands, over the Andes to Bogota, with its natural resources and its people. (CIAA)
- So 1384 **CUERNAVACA** 11 min. sound *jh-sh-c-adult* \$.25
Narrated by Tyrone Power, this film takes us on a visit of three beautiful Mexican towns—Cuernavaca, Taxco, and Acapulco. Cuernavaca, a week-end resort with its modern homes, beautiful flowers, and ideal climate; Taxco, a silver mining town; and Acapulco, a town whose history is as colorful as its colorful surroundings—all make for a diverting film subject. (CIAA)
- So 1376 **DOWN WHERE THE NORTH BEGINS** 20 min. sound (1943) *jh-sh-c-adult* \$.25
Opens with a train ride up the steep mountains to Riobamba, the stopover on the way to Quito. A more intimate view of life among one Indian family shows the extent to which they depend on hand-woven cloth, spun, woven, and dyed by hand. (CIAA)
- So 1354 **FIESTA OF THE HILLS** 11 min. sound *sh-c-adult* \$.25
Dance rituals that have come down from the Aztecs in many parts of Mexico. (CIAA)
- So 2617 **FIRE AND WATER** 10 min. sound (Color) *el-jh-sh-c-adult* \$.25
Passion Week in the old town of Taxco in Mexico where villagers bring symbols of their daily lives to the cathedral to be blessed. Also scenes on Candlemas Day of native religious dances accompanied by native music. (OIAA)
- So 2626 **GRACIAS AMIGOS** 20 min. sound *el-jh-sh-c-adult* \$.25
Here is the dramatic story, narrated by Lowell Thomas, of the contribution made by our neighbor southern republics to the winning of World War II by furnishing raw materials rapidly when other sources of the same materials were cut off. Rubber, nitrates,

quartz, sisal, tin, manganese are only a few of these. We needed them; somebody had to furnish them—most of all, somebody had to *want* to furnish them. And we got them. Here is the story of good neighborliness at its all-time best. (OIAA)

- So 1381 GUADALAJARA *22 min. sound jh-sh-c-adult \$.25*
A sightseeing tour through Mexico's second largest city; narrated by Hollywood's Walter Abel and photographed in beautiful color. (CIAA)
- So 1373 HIGH OVER THE BORDER *20 min. sound jh-sh-c-adult \$.25*
The migration of birds over the Americas is dramatically pictured. (OIAA)
- So 1355 HIGH SPOTS OF A HIGH COUNTRY *20 min. sound jh-sh-c-adult \$.25*
A color description of the Republic of Guatemala—a rugged country not disturbed by many tourists. (CIAA)
- So 1361 HILL TOWNS OF GUATEMALA, THE *11 min. sound jh-sh-c-adult \$.25*
Describes the people of Guatemala and how they live in their mountainous country. (CIAA)
- So 2612 LA PAZ *20 min. sound el-jh-sh-c-adult \$.25*
A film journey through La Paz, Bolivia's capital and the "highest big city in the world." Here the ancient is blended with the modern to make a fascinating study of the contrast between the old and the new Latin-America. A Julien Bryan production. (OIAA)
- So 2614 LIMA *17 min. sound el-jh-sh-c-adult \$.25*
This film shows the beauties of the City of Kings, the colonial capital of the Spanish empire in the western hemisphere. The rich historical background is sketched and the modern life of the city is pictured against the background of many beautifully preserved colonial palaces and buildings. Some of the modern problems of this transplanted old-world society are indicated. (OIAA)
- So 2611 LIMA FAMILY *20 min. sound el-jh-sh-c-adult \$.25*
A day in the lives of the members of one of the upper-class families of Lima, the capital of Peru. We see a cultured, modern, happy group of people not unlike those in the same class in the United States. There are differences though, and these are the things that make for an interesting film. (OIAA)
- So 1971 MEXICANA *11 min. sound jh-sh-c-adult \$1.50*
Tells an interesting story of Mexico, its people, their habits, and pleasures. A bull fight is shown.
- 1500 MEXICO *10 min. silent jh-sh-c-adult \$1.00*
A travelogue showing handcraft, volcanoes, pyramids, buildings, costumes and sports of Mexico. (Institutional Cinema)
- 906 MEXICO *10 min. silent jh-sh-c-adult \$1.00*
Progreso, Vera Cruz, Mexico City, San Juan; natives in simple costumes and on burros, driving their cattle; women at heavy work; markets, farmers and towns-people; Indians in gay clothes, Indian children, babies and mothers; making tortillas. (Eastman)

- So 1370 MEXICO BUILDS A DEMOCRACY** 16 min. sound *jh-sh-c-adult* \$.25
Portrays the work of the Mexican government in educating its Tarascan people. Gives an insight into the democratic system of government practiced in Mexico, our nearest neighbor to the South. (CIAA)
- So 1386 MEXICO CITY** 11 min. sound (1943) *jh-sh-c-adult* \$.25
The beauty of Mexico City is shown to its greatest advantage in this colorful film narrated by Orson Welles—cathedrals, modern hotels, parks, flower markets, and fiestas. (CIAA)
- 464 MEXICO CITY** 8 min. silent (Kodachrome) *jh-sh-c-adult* \$.25
Shows the cathedrals, modern hotels, and beautiful parks of Mexico City as well as the colorful flower markets at Xochimilco. Also shows the dance to the God of Fire. (National Railways of Mexico)
- So 1360 OUR NEIGHBORS DOWN THE ROAD** 43 min. sound (1942) *el-jh-sh-adult* \$.25
A record of a trip by motor along the route of the Pan-American Highway from Caracas to Santiago, Buenos Aires, and Rio de Janeiro, including a side trip to the Strait of Magellan. (CIAA)
- So 2627 PERU** 20 min. sound *el-jh-sh-c-adult* \$.25
A study of the modern social and economic life of Peru and of the attempt to meet certain current problems of health, poverty, relations between races, and improvement of national economic conditions. (OIAA)
- So 2618 PERU'S COASTAL REGION** 10 min. sound (Color) *el-jh-sh-c-adult* \$.25
An interesting short study of Peru's Pacific coastal plain—its cities, its agriculture, and the life of its people. Part of the film is devoted to archaeological specimens and bits of modern art. (OIAA)
- So 2609 SAO PAULO** 20 min. sound *el-jh-sh-c-adult* \$.25
An interesting study of progress in Brazil's second largest city, one of the fastest growing cities in the world. Here we see a cross-section of the modern South America with its busy industry, its growing commerce, its beauty of art and architecture, and its up-to-date trends in education. (OIAA)
- So 3052 SOUTH AMERICAN VISTA** 11 min. sound (1940) *el-jh-sh-c-adult* \$1.50
The beauty and gaiety of two great capitals depicted intimately: Buenos Aires, with its man-made glories of monument and architecture; the picturesque harbor of Rio de Janeiro; a cable ride to Sugar Loaf; the towering Andes; Gaucho life. (Haines, Dallas)
- So 2613 SOUTH CHILE** 18 min. sound *el-jh-sh-c-adult* \$.25
This film pictures the region at the very southernmost part of South America. Here much rain falls, and high winds blow much of the time. Grand glacial scenery and the story of sheep-raising on a large scale feature this description of distant Patagonia. (OIAA)

So 1380 SOUTH OF THE BORDER

33 min. sound (Excellent Color) el-jh-sh-c-adult \$.25

Presents the story of the trip made by Walt Disney and his talented crew to South and Central America; their impressions and experiences as they traveled from country to country are recorded through cartoons and live action. (CIAA)

So 2630 SOUTHERN BRAZIL

20 min. sound el-jh-sh-c-adult \$.25

Brazil's march of progress as exemplified in its southernmost area, the states of Parana, Santa Catarina, and Rio Grande de Sul. Here we find Brazil's great cattle country and its granary. Here too is a section that is grasping every opportunity to keep pace with modern industrial progress. (OIAA)

So 1364 SUNDAYS IN THE VALLEY OF MEXICO

11 min. sound el-jh-sh-c-adult \$.25

An artistic film showing the peaceful Mexican countryside and the quiet, unassuming life of the Mexican peasant. (CIAA)

465 TAXCO

11 min. silent jh-sh-c-adult \$.25

So 1367 THIS IS EUCADOR

17 min. sound (1942) jh-sh-c-adult \$.25

Aspects of economic and social life of the country, and its strategic position in connection with the Panama Canal Zone. (CIAA)

So 1385 TOWN IN OLD MEXICO, A

11 min. sound jh-sh-c-adult \$.25

Three villages—Puebla, Orizaba, and Fortin de las Floras—are seen in this color film narrated by Orson Welles. Seventeenth Century architecture, colorful flowers are pictured. (CIAA)

So 1350 VENEZUELA

11 min. sound el-jh-sh-c-adult \$.25

Scenes of the capital city of Caracas and the port of La Guaira, sugar plantations, and colonial forts and trails. (CIAA)

So 1375 VENEZUELA MOVES AHEAD

35 min. sound jh-sh-c-adult \$.25

A comprehensive portrayal of the country, including its modern buildings, radio stations, schools and classes in English, and the life of the sturdy Andean Indians. (CIAA)

So 1383 VERACRUZ

18 min. sound (Color) jh-sh-c-adult \$.25

With Hollywood's Joseph Cotten as narrator we are conducted on a trip through Mexico's province of Veracruz, where we see varicolored flowers, odd native clothes and customs. (CIAA)

So 2605 WEALTH OF THE ANDES

19 min. sound (1944) el-jh-sh-c-adult \$.25

A trip to Cerro de Pasco mining district deep in the Andes Mountains in Peru. Here the "Wealth of the Andes" in the form of copper and lead is mined. Here two of Peru's greatest natural resources are drawn from the earth to serve man. The trip is made on the now-famous Central Railway of Peru, the building of which was one of the greatest engineering feats of all time. (CIAA)

454 WEST COAST OF MEXICO

20 min. silent jh-sh-c-adult \$.25

Nogales, Arizona, to Mexico City and environs along the West Coast. (Southern Pacific)

- So 2629 WINGS OVER BRAZIL 15 min. sound el-jh-sh-c-adult \$.25
 "Brazil has a predestination for aviation," wrote one historian. This film bears out that statement. Here is a picturization of progress made by Brazil in the modern, advanced field of aviation, especially during World War II. An illuminating and thought-provoking document. (OIAA)
- So 1362 WOODEN FACES OF TOTONICAPAN 10 min. sound jh-sh-adult \$.25
 Guatemalan fiestas, including Chichicastenango's eight day celebration; mask-making and mask-using in the old fiestas. (CIAA)
- So 1382 YUCATAN 20 min. sound jh-sh-c-adult \$.25
 An exciting and colorful travelogue to Mexico's eastern province, —Yucatan,—with narration by Charles Bickford. (CIAA)

Mountains

- 439 CAMP FIRES AMONG SNOWPEAKS 10 min. silent jh-sh-c-adult \$.25
 A scenic film of a journey up the Bow Valley into Yoho National Park and Wilcox Pass, showing how alpinists at the top of the world make this ascent into territory hitherto unexplored. (Canadian Government)
- 443 DAUGHTER OF THE GLACIERS 8 min. silent jh-sh-c-adult \$.25
 Maligne Lake in Jasper National Park of the Canadian Rockies proves to be one of the most colorful of nature's masterpieces. Big timber, glaciers, snow-capped mountains, and huge precipices make this region one of the most impressive in the world. (Canadian Government)
- 436 TENDERFOOT TRAILS 10 min. silent jh-sh-c-adult \$.25
 The experiences of three city men who sought something new in the way of vacations on a "Dude Ranch" in the heart of the Canadian Rockies. Mountain scenery action views of cowboys riding wild, bucking horses, trail riding, angling for rainbow and cut-throat trout in glacial lakes and streams; a visit to a Cree Indian encampment. (Canadian Government)
- 440 VALLEY OF A HUNDRED PEAKS 11 min. silent jh-sh-c-adult \$.25
 Depicts a trail ride into the Tonquin Valley, one of the most picturesque sections of Jasper National Park, Alberta, with interesting views of spectacular mountain scenery. (Canadian Government)

Parks

- So 382 AUTUMN IN YOSEMITE 11 min. sound (Kodachrome) jh-sh-c-adult \$.25
 Shots of Yosemite National Park, California. (Yosemite Park & Curry Co.)

- So 409 CANADA—THE ROYAL PARKS
11 min. sound jh-sh-c-adult \$.25
 When the King and Queen visited Canada they saw some of the scenic beauties of Banff and Jasper National Parks. (Canadian Government)
- 414 COLORFUL DAYS IN PRINCE ALBERT PARK
11 min. silent jh-sh-c-adult \$.25
 Saskatchewan's national playground, depicting camp life and summer sports in beautiful surroundings. (Canada's Department of Mines and Resources)
- So 384 JEWEL OF THE SIERRAS
11 min. sound (Kodachrome) (Good) jh-sh-c-adult \$.25
 Travelogue of mountain scenery, wild life and flowers of Yosemite National Park. (Yosemite Park & Curry Co.)
- 384 JEWEL OF THE SIERRAS
12 min. silent (Kodachrome) jh-sh-c-adult \$.25
 Valley of Yosemite, with waterfalls, mountains, trails, recreational facilities, wild life. Mariposa Grove of big trees and Glacier Point. (Yosemite Park & Curry Co.)
- So 483 MOUNTAIN MAGIC *11 min. sound (1942) jh-sh-c-adult \$.25*
 Artistic travelogue of Jasper National Park. (National Film Board, Canada)
- So 1160 OHIO—MOHICAN STATE PARK
11 min. sound jh-sh-c-adult \$.25
 Title self-explanatory. (Ohio State Department of Education)
- 381 SADDLE TRIPS *12 min. silent jh-sh-c-adult \$.25*
 Travelogue of Yosemite National Park, over bridle paths. (Yosemite Park & Curry Co.)
- So 386 SKYLINE TRAILS
11 min. sound (Kodachrome) (Good) jh-sh-c-adult \$.25
 Travelogue of Yosemite National Park. (Yosemite National Park & Curry Co.)
- 386 SKYLINE TRAILS *12 min. silent jh-sh-c-adult \$.25*
 Horseback trip through Yosemite High Sierras to lakes, forests, streams and mountain fastnesses that can be reached by no other means. (Yosemite Park & Curry Co.)
- 415 TRAIL TO JASPER, THE *11 min. silent jh-sh-c-adult \$.25*
 The approach to Jasper National Park via motor highway from Edmonton, Alberta, with a visit to the Miette Hot Springs and to the Angel Glacier at Mount Edith Cavell. (National Parks Bureau, Canada)
- 310 YELLOWSTONE NATIONAL PARK
20 min. silent el-jh-sh-c-adult \$.25
 The natural wonders of the oldest and largest national park in the United States, featuring the geysers, hot springs, and the magnificent canyon, "Old Faithful" in all her glory. (United States Department of Interior)

927 YELLOWSTONE WONDERLAND

20 min. silent jh-sh-c-adult \$1.25

East entrance to Yellowstone National Park; highway scenes, Sylvan Lake, fishing bridge, Firehole Cascades, Old Faithful Geyser, Grotto Geyser, Riverside Geyser. Bear feeding ground; "Holdup" bears in action; browsing moose; bison; grizzly bears. The Grand Canyon. (Films of Commerce)

374 YOSEMITE SKIWAYS

12 min. silent jh-sh-c-adult \$.25

The sunny, snow-clad slopes of Yosemite in winter and the popular sport of ski riding. Includes long inspiring ski run, with thrills and spills. (Yosemite Park & Curry Co.)

People—How They Live

So 1996 ARGENTINA (PEOPLE OF BUENOS AIRES)

11 min. el-jh-sh-adult \$1.50

Depicts the modern metropolis of Buenos Aires as the commercial, financial, and industrial hub of predominantly agricultural Argentina. A grain broker and a packing plant employee, together with the family of the latter, are introduced as representative city-dwellers. Following a portrayal of the vast pampas region as the source of Argentina's agricultural wealth, the dependence of the city on the rural hinterland is again emphasized. Spanish dialogue is periodically incorporated into the film story. (Encyclopaedia Britannica Films, Inc.)

So 1997 A BACKWARD CIVILIZATION (THE BERBERS OF NORTH-ERN AFRICA)

22 min. jh-sh-c \$2.50

A survey of the life among the Berbers of North Africa. Every significant aspect of the daily life of these people is shown. Their crude handicrafts, their primitive agricultural methods, their customs and superstitions form a background for contrast with contemporary life in a machine age. (Encyclopaedia Britannica Films, Inc.)

So 1999 BRAZIL (PEOPLE OF THE PLANTATIONS)

11 min. el-jh-sh-c \$1.50

Provides a geographical orientation to Brazil's vast extent, its regional contrasts, and its coast cities, before concentrating on the coffee-growing area. A land-owner, an agent, and a family of pickers are seen in their relationships to a large coffee plantation, with its varied crops, its mixture of immigrant peoples, its educational and religious activities. Film personnel and incorporated dialogue reveal Brazil as a predominantly Portuguese country. (Encyclopaedia Britannica Films, Inc.)

So 2000 CANALS OF ENGLAND

22 min. jh-sh \$2.50

Provides an account of the origin, development, and present status of the canal boat traffic in England. Interesting portrayals of the locks, countryside and towns through which the Grand Union Canal passes are made. Studies of families living on the boats present an unusual insight into the sociological problems involved. A conversation between the captains of two boats exemplifies the type of thinking done by these people. (Encyclopaedia Britannica Films, Inc.)

- So 1812 **CHILDREN OF CHINA** 10 min. sound (Guide) el-jh-sh \$1.50
 Reproduces episodes from the home, school and play life of children in a representative Chinese village. Traditional patterns of Chinese family life are portrayed. School training in loyalty to parents, together with home and community customs, reflect the influence of Chinese tradition on contemporary life. Recreational activities are shown, and Chinese dialogue is reproduced and interpreted in several film sequences. (Encyclopaedia Britannica Films)
- So 1814 **CHILDREN OF HOLLAND** 10 min. sound (Guide) el-jh-sh \$1.50
 Provides an intimately human study of the home life, environment and activities of a country boy and girl in picturesque Holland. The school activities, sports and games, and a horse and cart trip with their parents to a typical Dutch town provide captivating glimpses of rural and urban life. After returning home, the day is concluded with handicraft, hobby and recreational activities. Reproduced and interpreted native conversations are provided in several sequences. (Encyclopaedia Britannica Films)
- So 1813 **CHILDREN OF SWITZERLAND** 10 min. sound (Guide) el-jh-sh \$1.50
 Portrays the influences of an Alpine environment upon the pastoral existence of the members of a typical Swiss family. Characteristic village, home, and outdoor scenes reveal the frugal existence of a mountain people whose chief means of livelihood is their cattle. Beautiful summer scenes of the rugged snow-covered Alps are provided together with reproduced and interpreted Swiss conversations. (Encyclopaedia Britannica Films)
- So 2002 **CHILE (PEOPLE OF THE COUNTRY ESTATES)** 11 min. el-jh-sh-adult \$1.50
 Calls attention to varied aspects of the Chilean scene—mountains, deserts, glaciers, mines, ports, and pastoral areas—before proceeding to an estate in the agricultural Central Valley. Here the role of the estate is seen in relation to the visiting owner and his family, the farming population, and Chilean agriculture generally. On the family's return to Santiago, varied aspects of Chile's capital city are featured—especially its role as an educational center. Spanish dialogue is employed throughout. (Encyclopaedia Britannica Films, Inc.)
- So 1352 **DAY IS NEW, THE** 11 min. sound el-jh-sh-c-adult \$.25
 A day in the life of the Mexican people, picturing their varied daily activities, from dawn to darkness. (CIAA)
- So 1855 **ESKIMO CHILDREN** 10 min. sound (1941) (Guide) el-jh \$1.50
 Portrays representative activities of an Eskimo family living on Nunivak Island, off the Alaskan Coast. (Erpi)
- So 1854 **FRENCH-CANADIAN CHILDREN** 11 min. sound (1940) (Guide) el-jh-sh-c \$1.50
 Houses of French-Canadian farmers are almost hidden by huge snow banks built up by the winter winds. Mother Dufour is getting her children ready for school. Hector, Lorette, and Rachel

are advised to behave, and study well, and then their father calls them, for it is time to start. Conversation in this film is in French. (Erpi)

So 2606 FUNDO IN CHILE *20 min. sound sh-c-adult \$.25*

A contrast of the new farming methods with the old on the large fundos (ranches) of Chile. Special emphasis is laid on the trends toward modernization. There are good sequences too concerning the daily life of the fundo workers and their families. (CIAA)

So 2007 A GIANT GEOPLE (THE WATUSSI OF AFRICA)

11 min. el-jh-sh-c-adult \$1.50

Describes the combined pastoral and agricultural life of the Watussi in the Rwanda region of Africa. Visualizes their cultural status, food, clothing, home furnishings, servants, and the relationship between father and son, and mother and daughter. Reveals their works of art, hunting and ceremonial activities. Native conversation and music are reproduced in impressive situations. (Encyclopaedia Britannica Films, Inc.)

So 2584 HERE IS CHINA *25 min. sound jh-sh-c-adult \$.25*

Portrayed in this film is the China that existed before the Japs attacked. It shows the peasant, the laborer, the builder, the fisherman, the school child—the China that we can expect to see when the war is over. This is an excellent successor to "Our Western Front." (OWI)

So 264 HYDRO *24 min. sound jh-sh-c-adult \$.25*

The story of the Columbia River is depicted from the very beginning to the time when the power possibilities were fully realized to give better crops and better living conditions for the people in the Columbia River Valley. (United States Department of Interior)

764 LIFE ON THE EQUATOR AND SPREEWALD

4 min. silent jh-sh-c-adult \$.50

East Indies; scenes in streets and of natives in rural regions. The quaint customs and costume of this old Slavonic settlement near Berlin.

So 1991 MEXICAN CHILDREN *11 min. sound (Guide) p-el-jh \$1.50*

Shows the home life of the Mexican child. Consideration is given to the Mexican child's preparation for citizenship, his kinds of recreation, the types of toys he plays with, his style of clothes, and his local travels and explorations. (Encyclopaedia Britannica Films)

So 1378 MONTEVIDEO FAMILY *19 min. sound (1944) jh-sh-c-adult \$.25*

An interesting study of the daily life lived by one typical middle-class family of Uruguay in its capital city. The housework, the school work, the cultural and entertaining diversions, the work of the father in the office—all these things give us a better understanding of how all members of the family live and work and play in one of the most interesting of our neighbor American republics. (CIAA)

So 2018 A PEOPLE OF THE CONGO (THE MANGBETU)

11 min. el-jh-sh-c \$1.50

Depicts the stage of development reached by a primitive agricultural group. Describes their food, their primitive household equipment and their division of labor. Head binding, facial treatments, and styles of hairdress are shown. Bartering of services, ivory carving, preparation of paint, designing, and painting are delineated, along with the construction of a stringed musical instrument and the demonstration of a native dance. (Encyclopaedia Britannica Films, Inc.)

So 1844 PEOPLE OF HAWAII

11 min. sound (1940) (Guide) el-jh-sh-adult \$1.50

Describes the setting of the Hawaiian Islands and provides an insight into the native economy. The dependence of the natives upon the sea and their immediate land environment for food; home and school life; sports and craftsmanship; and the preparation of a native feast. Glimpses of mass production and harvesting of sugar cane and pineapples are also shown. (Erpi)

So 1918 PEOPLE OF MEXICO

11 min. sound (1939) (Guide) el-jh-sh-c-adult \$1.50

Tells a graphic story of the origin, history, and present status of the people who now make up the population of Mexico. Being chiefly an agricultural nation, emphasis is put on the habits and customs of the people in the rural areas. Corn harvesting and grinding, home-building, beverage preparation, pottery-making, and handicraft work are among the activities shown. Fiesta ceremonies, conversation, songs, dances and music enliven the tempo. Scenes of mining activities and glimpses of life in Mexico complete the story. (Erpi)

So 1843 PEOPLE OF WESTERN CHINA

11 min. sound (1940) (Guide) el-jh-sh-adult \$1.50

Reveals the influence of habits and customs of past centuries in the scenes of present-day China. Methods of agriculture, irrigation, and the culture and wide use of bamboo are shown. Representative arts and crafts, methods of transportation, and engineering skills are depicted in their traditional settings and contrasted with modern technological developments. (Erpi)

947 PEOPLE WHO LIVE AT THE EQUATOR

11 min. silent jh-sh-c-adult \$1.00

How man has adapted himself to a tropical jungle environment. Tribal life on the Amazon River showing various industries such as preparation of wild rubber, lumbering, and commerce. (Institutional Cinema)

951 PEOPLE WHO LIVE BY THE SEA

9 min. silent jh-sh-c-adult \$1.00

Life in the countries bordering the Mediterranean, Phoenicia, Egypt, Greece, Carthage, Rome, and Spain, illustrating the influence of the sea upon man. Diagrammatic sketches and scenes show ancient Babylonian trade routes to the Western Hemisphere. (Institutional Cinema)

948 PEOPLE WHO LIVE IN A CROWDED VALLEY

11 min. silent el-jh-sh-c-adult \$1.00

The influence of isolation and crowded conditions of life on the development of a people. Detailed study of life, dress, and occupation of the Chinese inhabiting the territory between the Pacific Ocean and the highlands of Tibet. Scenes from North China up the Yantze River. (Institutional Cinema)

949 PEOPLE WHO LIVE IN THE ARCTIC

11 min. silent jh-sh-c-adult \$1.00

How people have adapted themselves to rigorous cold. Eskimos' life; pulling a whale ashore for food and utensils; tundra; children at play; summer houses; building boat frames from bone; skinning seal; preserving meat; caribou; gathering fuel; dog teams; seal hunt on ice floes; grinding ice packs; walrus; rounding up caribou herds; building ice fence and snow igloos. An Arctic storm. (Institutional Cinema)

945 PEOPLE WHO LIVE IN THE DESERT; DEVIL'S PLAYGROUND, THE DEATH VALLEY

13 min. silent jh-sh-c-adult \$1.00

How man has overcome a hostile desert environment. City and country life of Arabs, Moors, Berbers, and Egyptians along the Mediterranean Coast of Africa. Negro dwellers of the Sudan. Trip by caravan over the Sahara Desert during a terrible wind-storm; oases and settlements of various nomadic tribes.

The Devil's Playground, by Indian legend, accounts for the making of Death Valley.

Remarkable scenes of burned lava, "The Devil's Cornfield," sand storms, dangerous reptiles and desert plant life.

950 PEOPLE WHO LIVE IN THE MOUNTAINS

10 min. silent jh-sh-c-adult \$1.00

Life in Switzerland, showing the effect of a mountain environment upon man. The Swiss Alps, glaciers, taverns, peasants and peasant life at home, industries, and picturesque cities. (Institutional Cinema)

946 PEOPLE WHO LIVE ON GREAT PLAINS

11 min. silent \$1.00

How life on a vast, fertile plain influences the development of a people. The Argentine; Indian huts, ranch houses, railroad construction, sheep raising and shearing; grain fields; and scenes of Buenos Aires. (Institutional Cinema)

So 2020 PERU (PEOPLE OF THE MOUNTAINS)

11 min. el-jh-sh-adult \$1.50

Following a treatment of Lima, the modern capital, attention is focused on the ruins of pre-conquest civilizations. Present-day descendants of once-proud Indian peoples are then seen in their comparatively untouched village life, with its primitive agricultural methods, its handicrafts, and pastoral simplicity. The varied activities of a single family group receive the major emphasis throughout. (Encyclopaedia Britannica Films, Inc.)

So 2022 PYGMIES OF AFRICA

22 min. el-jh-sh-c-adult \$2.50

Indicates the dominance of food getting activities in an extremely primitive society. Shows shelter construction, root digging, bow

and arrow making, spear practice, techniques of hunting, food preparation, eating habits, basket making, wild honey harvesting, bark fabric preparation and dyeing, and ivory collecting activities. Bartering, witch doctoring, praying and sacrificial offerings are portrayed in their natural settings. (Encyclopaedia Britannica Films, Inc.)

So 1228 SCENES FROM THE WORLD OF TOMORROW

11 min. sound jh-sh-c-adult \$.25

Spectacular and impressionistic shots of the New York's World Fair to give the audience an idea of the new improvements, transportation methods, buildings, and roads to the future. (Ford Motor Company)

So 1990 SHELTER

10 min. sound (Guide) el-jh-sh-c \$1.50

The effect of climate and availability of materials on the shelter of various peoples introduces this film. The houses of the Eskimos, Arabs, equatorial Africans, and other backward races are explained. The central theme of the main body of the picture is how man has learned to change raw materials found in nature and adapt them to the construction of various types of shelter to suit the various needs of our modern complex civilization. Beginning with the construction of adobe houses by Southwestern Indians this leads on through to the use of brick, cement, steel, and glass in modern construction. (Encyclopaedia Britannica Films)

932 WANDERERS OF THE ARABIAN DESERT

10 min. silent el-jh-sh \$1.00

The picturesque, hardy, warlike Arab lives in the occasional stretches of fertile country in the Arabian Desert. Here highly skilled horsemen breed and school the famous Arabian horse. Sheep and goats are herded in the hills. As they move from place to place the women load the camels with goat-hair tents and unload them when the move is over. Spinning, weaving, breadmaking, and other activities of these nomadic peoples are shown. (Films of Commerce)

So 2604 YOUNG URUGUAY *19 min. sound (1943) el-jh-sh-c-adult \$.25*

Shows how the young people of Uruguay live and play and go to school. Uruguay already has the highest degree of literacy in South America, and through this film we come to appreciate the progressive steps now being made in education in this smallest South American Republic. (CIAA)

Products

462 ABOUT BANANAS *12 min. silent (Guide) el-jh-sh \$.25*

Complete presentation of the banana industry from the clearing of the jungle and the planting to the shipment of the fruit to the American markets. Scenes laid in Central America. (United Fruit Company)

So 2601 BRAZILIAN QUARTZ GOES TO WAR

10 min. sound (1944) jh-sh-c-adult \$.25

An interesting pictorial report of the mining of quartz in Brazil and the part that this great Brazilian resource is playing in winning the war. (CIAA)

- So 1279 CHICAGO TRIBUNE** *30 min. sound el-jh-sh-c \$.25*
Shows the various steps required to produce a metropolitan newspaper. The scenes begin in the timberlands in Canada and end with delivery of the newspaper to the reader. (Chicago Tribune)
- So 1001 COFFEE—FROM BRAZIL TO YOU** *20 min. sound el-jh-sh-c \$.25*
Coffee-producing countries of the world are shown on map. The film then takes us to Brazil's coffee plantations, where we see in detail the operations of clearing land, setting out trees, weeding, etc.; then the ripened berries are shown being picked, processed, graded, exported, and roasted; finally the packaging of the finished product is shown. (Pan American Union)
- 206 COÖPERATIVE MARKETING—DRIED PRUNES** *20 min. silent jh-sh-c-adult \$.25*
Shows what has been accomplished by coöperative organizations and gives, in detail, every important step in picking, packing, and marketing prunes. (USDA)
- 165 COPPER MINING IN ARIZONA** *25 min. silent jh-sh-c-trade-adult \$.25*
Shows open-pit mining methods at Morenci, Ajo, and Jerome, and underground mining at Bisbee. The open-pit method depicted includes diamond drilling, air drilling, and blasting, removal of waste, churn drilling and blasting and transportation of ore. Underground methods include tunnel driving, sinking wings and shaft with a rotary drill, scraping ore into chutes, transportation to ore pockets at the shaft, hoisting to the surface, and transportation to the smelter. (USBM)
- 316 CORN, THE GOLDEN GRAIN** *13 min. silent el-jh-sh-c \$.25*
The story of corn flakes. (Kellogg Sales Company)
- 775 COTTON—FROM SEED TO CLOTH** *22 min. silent (Guide) jh-sh-c-adult \$1.50*
Cotton-growing regions of the world; picking, ginning, and marketing; cloth manufacture. (Films of Commerce)
- 743 EAST MEETS WEST** *10 min. silent jh-sh-c-adult \$.25*
The sericulture of silk in Japan and the manufacture of hosiery in this country. (No Mend Hosiery Mills)
- So 187 EVOLUTION OF THE OIL INDUSTRY** *34 min. sound el-jh-sh-c-trade-adult \$.25*
The history of the development of the petroleum industry. (USBM)
- 153 EVOLUTION OF THE OIL INDUSTRY** *40 min. silent el-jh-sh-c-trade-adult \$.25*
Tells a comprehensive story of the petroleum industry, starting with scenes depicting Biblical episodes in which petroleum pitch or bitumen may have been an important material. The story moves rapidly to the Western Hemisphere with scenes of American Indians and, later, white men, finding beneficial uses for rock oil. The Drake well near Titusville, Pennsylvania, becomes an actuality and the historical characters of that period are seen in action with the tools they devised. Following this historical pageantry, oil-well drilling is followed across prairies, invading cities, and reaching to the waters of the Pacific Ocean. (USBM)

- 976 FROM FLAX TO LINEN 10 min. silent (Guide) el-jh-sh-c \$1.00
History of linen is traced from the planting of flaxseed to the finished product; flaxseed to line flax; spinning line flax; weaving linen cloth; finishing linen. (Eastman)
- 148 FROM MOUNTAIN TO CEMENT SACKS
10 min. silent jh-sh-trade-adult \$.25
Portland cement is defined and parallel drawn between bread-making and cement making. Views follow of quarrying, loading, crushing, and grinding of limestone and preparation of clay, slag, and shale. Tube mills are shown pulverizing mixture of clinker and gypsum fine enough to pass through a sieve that holds water. Device is shown picking up sample for testing, and typical laboratory scene follows. Reel concludes with final steps in preparing cement-tying and filling sacks. (USBM)
- 780 GIFT OF LIFE—PART II 6 min. silent jh-sh-c-adult \$.50
Rock rose, Indian corn, and willow are depicted. (Eastman)
- So 1709 GOLDEN FLEECE 11 min. sound (1941) el-jh-sh-adult \$1.50
The wool industry of Australia: flocks of sheep with heavy coats of wool, washing of fleece while still on the animals, inside the shearing sheds, branding after the sheep have been sheared, grading and packing of wool. (Australian News and Information Bureau)
- 349 GOLDEN JOURNEY, THE 11 min. silent jh-sh-c-adult \$.25
The cultivation and production of oranges and lemons in California. Historical introduction, illustrated with maps, showing how these fruits came from India and China to Southern Europe and California. Budding and seedling trees to secure higher quality fruit also shown. (California Fruit Growers' Exchange)
- So 2616 GRAIN THAT BUILT A HEMISPHERE
10 min. sound (color) el-jh-sh-c-adult \$.25
The dramatic story of what corn has meant to civilization is excellently told in this colorful Walt Disney cartoon. Describes the development of corn from the time it grew wild to its present-day cultivation and wide variety of uses. Highly recommended. (OIAA)
- 433 HARVEST OF SUGAR MAPLE
11 min. silent jh-sh-c-adult \$.25
Depicting life in the sugar bush, demonstrating the old and new methods of tapping maple trees, of gathering sap, of transporting and canning maple sirup in the factory; a real old-fashioned sugar bush picnic. (Canadian Government)
- 997 IRON MINING AND MANUFACTURE
15 min. silent (1941) (Guide) sh-trade \$1.00
Shows open-pit mining near Marquette, Michigan, loading ore into freighters, transporting it via Lake Superior and the "Soo" Locks to Detroit, where special machinery is used to unload the ore. The blast furnace transforms the ore into pig iron. At the factory we see the iron remelted in the cupola, molding, pouring, and finishing the casting ready for assembly. (Bailey Film Service)

- So 1189 JERRY PULLS THE STRING** *35 min. sound el-jh-sh-adult \$.25*
Clever puppet show telling the story of coffee. (American Can Company)
- So 184 LEAD MILLING, SMELTING, AND REFINING**
30 min. sound sh-c-trade \$.25
Depicts the steps and processes for converting the mined lead ore into useful and marketable products. (USBM)
- So 183 LEAD MINING IN SOUTHEAST MISSOURI**
30 min. sound trade-adult \$.25
Extensive survey of the lead-mining operations in southeast Missouri—geological formations in the lead belt. (USBM)
- So 1365 LINE FROM YUCATAN, A** *10 min. sound el-jh-sh-c-adult \$.25*
How the planters of Yucatan took on the job of providing sisal hemp when it could no longer be secured from Pacific sources. (CIAA)
- So 309 MAGNESIUM—METAL FROM THE SEA**
23 min. sound (1944) jh-sh-adult-trade \$.25
Film opens with conversation of two air transport passengers—an airplane designer and a practical production engineer who have visions of giant stratosphere planes carrying passengers and cargo, and small helicopters for family and individual use. These achievements are inferred to a large extent by use of magnesium, one of the lightest of metals, which is shown to exist in sea water and in salt brines under the earth's surface. Shows the geologic structure of the Marshall sandstone in Michigan, and drilling a brine well. Research engineers are seen in the laboratory where the mysteries of magnesium are uncovered. (USBM)
- 676 MIRACLE OF MULCH PAPERS** *6 min. silent jh-sh-c-adult \$.25*
Shows how the use of "Gator Hide" mulch paper increases the garden yield and improves the plants. (International Paper Co.)
- So 5201 MIRACLE OF THE MEADOWS**
15 min. sound (Guide) el-jh-sh-trade-adult \$2.00
The film covers the entire process of production, including milking the cows, weighing, testing, pasteurization, bottling and distributing the milk. Stress is placed on the scientific aspects of this industry so that the health of the public is protected. (Donavin Miller)
- 325 MODERN COAL MINING** *15 min. silent jh-sh-c-adult \$.25*
A tour, underground, where labor-saving machinery, electrically driven, has replaced the methods used for hundreds of years. (Goodyear Tire & Rubber Company)
- So 330 MONEL METAL** *8 min. sound jh-sh-c-adult \$.25*
This story tells how science has kept apace with modern living in order to bring to us the necessary materials so important in the age of speed, comfort, and industries. (Rothacker)
- 156 NICKEL** *15 min. silent jh-sh-c-trade-adult \$.25*
Opens with a scene more than half a mile below the earth's surface, where nickel ore is being mined, loaded into cars, hauled

to the bottom of the shaft, crushed. Shows operations of drawing the slag and tapping a cupola furnace, also electrolytic refining and casting. Portrays the increased importance of nickel alloys, chiefly those with iron, steel, and copper; how nickel is utilized in industry, in sports, and in the home. (USBM)

- So 190 NICKEL HIGHLIGHTS *33 min. sound jh-sh \$.25*
 Pictures and describes activities and operations in Canada and the United States which are essential to the production of nickel and its alloys. (USBM)
- So 179 NICKEL MINING *15 min. sound sh-c-trade-adult \$.25*
 This film shows in detail the nickel mining processes, pointing out on a map the Sudbury district, Ontario, where most extensive deposits of nickel-bearing ores are located. (USBM)
- So 1337 OIL *25 min. sound (Color) jh-sh-c-adult \$.25*
 The killing of the Corpus Christi well by means of the offset directionally drilled well. (Humble Oil and Refining Co.)
- 229 QUALITY MILK *11 min. silent jh-sh-c-adult \$.25*
 Approved methods of dairying for high quality production. (USDA)
- 769 RUBBER *11 min. silent (1942) (Guide) el-jh-sh-c-adult \$1.00*
 From the plantation in Sumatra where rubber trees are scarred and crude rubber processes shown, to the United States where rubber is converted into tires, tennis shoes, and fountain pens. (Eastman)
- 162 SAFETY GLASS *20 min. silent jh-sh-adult \$.25*
 Quarrying of silica sand, milling and shipping of glass plant—entire process of making safety glass. (USBM)
- 736 SILK INDUSTRY, THE *10 min. silent jh-sh-c-adult \$.25*
 From the cocoon to the finished product. (R. K. Laras Silk Co.)
- So 1153 SINCERELY YOURS *25 min. sound jh-sh-c-trade-adult \$.25*
 The story of oil, from well to consumer. (Sun Oil Company)
- So 1179 SOYBEANS FOR FARM AND INDUSTRY *11 min. sound jh-sh-c-adult \$.25*
 Covers seed-bed preparation, inoculating and planting the seed, cultivating, harvesting for hay, combining beans, and the use of the crop including oil meal as a concentrate feed for livestock. Views of oil extraction processes and the uses of oil in making paints and varnishes. (International Harvester)
- 171 STEEL—MAKING OF STEEL *11 min. silent jh-sh-c-adult \$.25*
 Title self-explanatory. (USBM)
- 170 STEEL—RAW MATERIALS *10 min. silent jh-sh-c-adult \$.25*
 Title self-explanatory. (USBM)
- 74 STORY OF ASBESTOS *38 min. silent jh-sh-c \$.25*
 Shows the blasting of asbestos-bearing rock, cobbing for the best fibers, crushing the fibers, shipment to factory and the making of many useful articles from asbestos. (USBM)

- So 1700 STORY OF COAL** 11 min. sound el-jh-sh-adult \$1.50
How coal is formed through the ages; the mining processes; regions where it is found; uses in the business world. (McCrary's Studios)
- 99 STORY OF GASOLINE** 40 min. silent (1939) jh-sh-c \$.25
Story of the gasoline industry from the production of the crude oil to the finished product. Shows manufacturing methods. Illustrates uses of naphtha, kerosene, gas oil, lubricating oils, fixed gas and coke. (USBM)
- 457 STORY OF LEATHER, THE** 15 min. silent el-jh-sh \$.25
Begins with a round-up of cattle. The hides of these animals are traced through leather making processes into shoes, bags, clothing, upholstery and other products. There are shown methods and places where hides are taken off, how tanners get them, how they are cured and preserved in the long tanning process. Modern industrial technique is shown and contrasted with stages of manufacture where skilled handicraft is indispensable. (Tanners' Council of America)
- 998 STORY OF MILK** 12 min. silent (1939) el-jh \$1.00
A trip to the farm and dairy by two children. Cleanliness and care in handling the milk are stressed. (Educational Film Service)
- 719 STORY OF MONEL METAL** 20 min. silent jh-sh-c-adult \$.25
The various phases in the manufacture of monel metal and its many uses in industry and the home. (Rothacker)
- So 42 SUGAR CANE** 20 min. sound jh-sh-c-trade-adult \$.25
History of sugar cane in the continental United States (Louisiana) is first rapidly sketched. Attack on the problems of disease and insect attacks by development of new breeds is then considered and the methods of developing these is carefully shown. (USDA)
- So 1192 SUGAR IN THE EVERGLADES** 20 min. sound jh-sh-c-adult \$.25
Development of growth of the sugar cane industry in the swamp lands of the South. (Allis-Chalmers Mfg. Co.)
- So 188 SULPHUR** 16 min. sound sh \$.25
Animated drawings show location of sulphur deposits, methods of mining and transportation, uses, and by-products. Also data on annual production is given. (USBM)
- 71 SULPHUR** 20 min. silent (1941) jh-sh-c-trade-adult \$.25
Story of sulphur from location of deposits to shipment by rail and ships. Animated drawings are used to show some of the process. (USBM)
- So 1335 TEN THOUSAND FEET DEEP** 20 min. sound jh-sh-c-adult \$.25
Filmed in the beautiful bayous of Louisiana, this gives authentic information on present-day methods of oil exploration and drilling. (Shell Oil Company)
- So 1254 THIS CHANGING WORLD** 10 min. sound sh-c-adult \$.25
Compares old and new methods of civilization and shows how nickel and its alloys create luxuries. (Rothacker)

Rivers, Seas, Waterfalls

- 829 CARIBBEAN CONTRASTS 11 min. silent *jh-sh-c-adult* \$1.00
A travelogue of the Caribbean.
- 812 DOWN THE YUKON 11 min. silent *el-jh-sh* \$1.00
Lakes and glaciers at the source of the Yukon; riding a canoe down the rapids; Miles Canyons and White-horse Rapids; picturesque Indian burying grounds at Nulato with little houses built over the graves; traveling by dog team over the frozen river in winter; break-up of the ice in spring; fish wheels; natives catching salmon; Eskimo homes on the delta; herds of reindeer pasturing on the tundra; gold mining district near Nome; the cabin where Rex Beach wrote "The Spoilers." (Church)
- So 1163 OHIO—RIVER BOATS 11 min. sound *jh-sh-c-adult* \$.25
Trip up the Ohio River. (Ohio State Department of Education)
- 768 RIO GRANDE, THE 11 min. silent (*Guide*) *el* \$1.00
The Rio Grande River, first as a boundary between Mexico and the United States, then showing the people along the 1,300 miles of its course, also irrigation and fruit growing along the lower Rio Grande. The film is divided into the following units: the source of the Rio Grande; the upper Rio Grande; the middle Rio Grande; the lower Rio Grande. (Eastman)
- So 1003 RIVER, THE 30 min. sound (*Excellent*) (*Guide*) *el-jh-sh-c* \$.25
The story of the Mississippi interestingly and intelligently presented. An excellent educational picture; from pioneer days of river commerce to present day of floods and devastation. Conservation work. (U.S. Film Service)
- So 480 VOYAGEUR TRAILS—PACIFIC GATEWAY 11 min. sound (1942) *jh-sh-c* \$.25
Scenic travelogue of the French River in Western Ontario following in the wake of the great explorer—Champlain. (National Film Board, Canada)
- 434 WINTER WITCHERY OF NIAGARA 8 min. silent *jh-sh-c-adult* \$.25
Incomparable beauty of Niagara Falls in winter. Frozen spray transforms the environs into fantastically shaped iced formations. (Canadian Government)

Scenic

- 413 ALONG THE CABOT TRAIL 12 min. silent *jh-sh-c-adult* \$.25
Striking scenery along the spectacular motor highway which girdles Cape Breton Highlands National Park in Nova Scotia. Recreational advantages pointed out. (Canada—Department of Mines and Resources)
- So 404 BANFF—JASPER HIGHWAY 11 min. sound *el-jh-sh-adult* \$.25
Beautiful highway leading in and to some of the largest and most beautiful peaks of the Canadian Rockies; a new region opened up by this highway leads to the most magnificent peaks in this part of the Canadian Rockies. (Canadian Government)

- 468 CANOE TRAILS THROUGH MOOSELAND
10 min. silent jh-sh-c-adult \$.25
 A beautiful scenic of a canoe trip through the wilds of north-eastern Canada. (National Film Board—Canada)
- 463 DAYLIGHTING THE PADRES' TRAIL
20 min. silent jh-sh-c-adult \$.25
 The story of the famous route of the Franciscan Padres, who blazed a trail between Los Angeles and San Francisco, dotting their journey with the now famous California Missions. From the days of the padres, we are whisked into the present to traverse the same route aboard a modern train. (Southern Pacific Lines)
- So 1339 IN OUR OWN AMERICAN WAY
88 min. sound sh-c-adult \$.25
 A color film that travels over the country to various scenic and historic sites. Scenes showing farming methods in various parts of the country. (Ray-Bell)
- 424 LAND OF EVANGELINE *11 min. silent el-jh-sh \$.25*
 Shows the "reversing falls" of St. John's River.
- So 1161 OHIO—CAVES *11 min. sound jh-sh-c-adult \$.25*
 Rock House, Old Man and Ash; Hocking Forest; Cedar Waterfalls. (State Dept. of Education—Ohio)
- So 1162 OHIO—MEMORIAL MONUMENT
11 min. sound jh-sh-c-adult \$.25
 Memorial Monument commemorating Peary's victory, 1812. (Ohio State Dept. of Education)
- So 1164 OHIO—NATURAL BRIDGE *11 min. sound jh-sh-c-adult \$.25*
 Rock Mills and Buckeye Falls. (Ohio State Dept. of Education)
- So 1972 PHANTOM OF THE SEA, THE
25 min. sound jh-sh-c-adult \$2.50
 A picture of real conditions that tells a story of the Colorado Desert. The combats between animals, the gorgeous natural scenery, the humor and pathos of the life-long battle for existence among the denizens of this half-wild country combine to make this an outstanding contribution to the educational world. (Hollywood Film Enterprises)
- 807 SAVING SOUTH SEA SAVAGES
11 min. silent jh-sh-c-adult \$1.00
 Shows a trip of Martin Johnson's to a South Sea Island, which had been visited by missionaries. (Institutional Cinema)
- 472 WHY NOT YOU? *11 min. silent jh-sh-c-adult \$.25*
 Two business men forget their troubles and enjoy hunting and fishing in the Province of Quebec. (Canadian Government)
- So 3056 WINGS OVER WORLD WONDERS
11 min. sound (1940) el-jh-sh-c-adult \$1.50
 An airplane illustrative of wings roaring above the universe: New York, Empire State Building; Niagara Falls; Chicago; the Grand Canyon of the Colorado. Miles below it is the tiny branch

of what really is the giant Colorado River. Looping over Boulder Dam; Yosemite; Sierra Nevada—range of California; San Francisco—its bay and harbor guarded by the Golden Gate. Onward over ocean vistas—the Hawaiian Islands; shots of Hawaii's Mauna Kea and Mauna Loa. (Castle)

Seasons

- So 1820 EARTH AND ITS SEASONS, THE *11 min. sound el-jh-sh \$1.50*
Explains why we have changes of seasons, vernal and autumnal equinoxes, summer and winter solstices. (McCrorry Studios)
- So 1943 FOUR SEASONS, THE—AUTUMN *10 min. sound el-jh-sh-c-adult \$1.50*
Autumn is the brilliant and busy season out of doors. The birds are in flight for the south and the small furred animals are busy in preparation for the winter. The buck's horns have now reached nearly their full size, but they are encased in a soft, moss-like substance. The tadpoles of early spring are full-fledged bull frogs and the caterpillar of the winter before is now a beautiful butterfly. (Institutional Cinema)
- So 1941 FOUR SEASONS, THE—SPRING *8 min. sound el-jh-sh-c \$1.50*
In the early part of the year, when the trees are budding, when the sun brings the frost out of the ground and the woodchuck wakes from his winter's nap, an amazing thing happens to the majestic buck—he loses his spreading antlers. (Institutional Cinema)
- So 1942 FOUR SEASONS, THE—SUMMER *8 min sound el-jh-sh-c \$1.50*
Summer comes on; the trees are in full bloom, the birds are hunting food for their young, tiny bear cubs frolic through the woods, and the deer starts to sprout a new set of antlers, at the rate of half an inch a day until late in summer the antlers are nearly half their original size. (Institutional Cinema)
- So 1944 FOUR SEASONS, THE—WINTER *11 min. sound el-jh-sh-c \$1.50*
The season of winter deals largely with the lives of the animals in the cold and snow. Tiny flakes of snow magnified many times their size show them to be more beautiful in their construction than jewels. This is a chapter of the cycle that shows the hibernating animals deep in their winter sleep. The buck deer's spreading antlers have reached their full spread. With the world thus buried with drifts of snow and ice, the cycle of the four seasons is brought to a close. (Institutional Cinema)
- 427 WHEN WINTER COMES *10 min. silent el-jh-sh-c-adult \$.25*
The experiences of a party of tourists vacationing on a "Dude Ranch" in the heart of the Canadian Rockies. (Canadian Government)
- So 427 WHEN WINTER COMES *10 min. sound el-jh \$.25*
Quick review of three preceding seasons, mare's tail clouds, snow-fall, flakes greatly magnified. Buffalo and bears, elk, otter, turkeys, hare and cousin cotton-tail, woodchuck. (Bell and Howell)

Motion Pictures

States

So 3041 ALONG THE TEXAS RANGE

10 min. sound (1943) jh-sh-c-adult \$1.50

On the banks of the Rio Grande in western Texas is the new Big Bend National Park, which covers 800,000 acres of the United States and which will cover an additional similar area which is to be donated by Mexico, thereby making it the first international park. There are scenes of typical vegetation; then the village of Castalon, one of the few places of human habitation. The Rio Grande goes through the sheer canyon of Santa Helena and then forms a lagoon and a big sandy beach with walls 1,500 feet high. In the Big Bend Country the inhabitants are mostly goat herders in the hills. Native burros are used for ferrying across a stream, negotiating the swift currents in safe fashion. (TFC)

So 178 ARIZONA: MINERAL RESOURCES AND SCENIC WONDERS

35 min. sound el-jh-sh-adult \$.25

A general tour through the state is depicted in color to portray the scenic wonders, Hopi Indians, native crafts, ceremonial dances, villages, university, and the State capitol. (USBM)

308 GLIMPSES OF TEXAS: BIG BEND OF TEXAS

10 min. silent el-jh-sh \$.25

Illustrates and emphasizes geographical extent of State, shows oil and gas fields, Government helium plant, sulphur industry, C.C.C. work, ranching, and natural scenic wonders of the Big Bend Park. (USDI)

So 1276 CAVALCADE OF TEXAS, THE

45 min. sound (Kodachrome) (Excellent) el-jh-sh-c-adult \$.25

Depicts natural resources, varied industries and beautiful scenery of Texas. (Texas Memorial Museum)

So 1932 FAR WESTERN STATES

10 min. sound (1942) (Guide) el-jh-sh \$1.50

Describes the economy of the states of Washington, Oregon, California, and Nevada, including a brief historical resumé of progress made in the use of resources in this region. Sectional contrasts, with respects to climate, topography, people and population densities, are shown, also representative mining, lumbering, and agricultural activities. (Erpi)

So 1929 MIDDLE STATES, THE

11 min. sound (1942) (Guide) jh-sh-c \$1.50

Presents in sequential form an overview of man's use of resources in the states of Minnesota, Iowa, Missouri, Illinois, Wisconsin, Michigan, Indiana, and Ohio. Domestic and European migration and population trends are indicated by animated drawings. Agricultural and industrial projects in each section are portrayed and relationships are noted with particular reference to other regions of America. (Erpi)

So 1927 NORTHEASTERN STATES

11 min. sound (1942) (Guide) el-jh-sh-c-adult \$1.50

An interpretation of historical progress in the development of resources in the areas of West Virginia, Maryland, Delaware,

District of Columbia, New Jersey, Pennsylvania, New York, Connecticut, Rhode Island, Massachusetts, Vermont, New Hampshire, and Maine. Features of the land, people, natural resources, textile, clothing, and heavy industries are shown. Also outlines transportation and recreational facilities. Interdependence with other sections of the nation is indicated. (Erpi)

So 1931 NORTHWESTERN STATES

11 min. sound (1942) (Guide) el-jh-sh-c-adult \$1.50

Depicts characteristics of the states of Montana, North Dakota, South Dakota, Wyoming, Idaho, Utah, Colorado, Nebraska, and Kansas. Topography, rainfall, drainage, fauna and flora, people, metropolitan centers, scenic and recreational features, transportation and commercial activities, natural resources, and agricultural situations are shown. Special consideration is given to the interdependence of this region with other regions of the country. (Erpi)

426 RIDE 'EM COWBOY

8 min. silent el-jh-sh \$.25

Bronco-bustin' battle, between man and beast, snorting steers, Brahma bulls, Texas longhorns, trick riding, bulldogging, expert roping. A spectacle of stamina, daring and danger, pioneer days of the Wild West brought up to date. (Canadian Government)

So 1928 SOUTHEASTERN STATES

11 min. sound (1942) (Guide) el-jh-sh-c-adult \$1.50

Outlines living patterns in Arkansas, Louisiana, Mississippi, Alabama, Florida, Georgia, South Carolina, North Carolina, Virginia, Kentucky, and Tennessee, with a brief historical introduction. Stately plantations, mountaineer cabins, modern homes in southern cities, rolling blue grass country, orchards, cotton and tobacco fields, farm and factories are woven together to tell the story of this region. (Erpi)

So 1930 SOUTHWESTERN STATES

11 min. sound (1942) (Guide) el-jh-sh-c-adult \$1.50

Portrays life in areas of Texas, Oklahoma, New Mexico, and Arizona. Reference is made to the topography, rainfall, and other characteristic features including the imprint of Spanish and Indian cultures. Irrigation, stock raising, mining, agriculture, and oil extracting and refining are among the occupational activities shown. (Erpi)

HOME ECONOMICS

Child Care and Development

- So 2566 CARE OF CHILDREN OF WORKING MOTHERS**
22 min. sound (1943) sh-c-adult \$.25
This film depicts a typical day in a nursery school. Helen Hayes, as commentator, emphasizes the advantages which the nursery school offers for the care of children of working mothers—safe and wholesome fun, wise guidance in the art of learning to do for one's self and in helping others, a well-planned daily program including indoor and outdoor play, nourishing food, rest periods and health supervision. Shows working mothers what a child-care center is and how it operates. (OWI)
- So 1822 CARE OF THE NEW-BORN BABY** *31 min. sh-c-trade-adult \$3.00*
Shows the nurse's functions and duties in teaching parents to care for newborn babies; shows what the nurse can do in the home, clinic, and hospital; and demonstrates how to hold, dress, bathe, and feed a baby. (Castle Films, Inc.)
- So 3044 CHILD WENT FORTH, A** *22 min. sound sh-c-adult \$2.00*
Effectively highlights a nursery camp and shows one way to solve the problem of our children in wartime should evacuation of our cities become necessary. (NYU)
- So 3047 CHILDREN MUST LEARN, THE**
13 min. sound (1940) (Guide) sh-c-adult \$2.00
Emphasizes the need for a more functional type of education in our schools by dramatizing the gap which exists in many areas (in this case the rural South) between the school curriculum and the social and economic conditions under which children live. Of interest not only for the educational implications, but also as documentary studies of nutritional deficiencies. (NYU)
- So 2603 HOUSING IN CHILE**
19 min. sound (1943) jh-sh-c-adult \$.25
The story of the progressive steps now being taken by Chile in the housing problems. A typical family in Santiago is shown first living in the slums and then being transported into one of the new housing projects. (CIAA)
- So 3045 LIVING AND LEARNING IN A RURAL SCHOOL**
25 min. sound (1939) (Guide) c-adult \$2.50
Presents educational theory translated into practice. It pictures vividly the way in which one school is attempting to give its children a rich educational experience, and thus provides a concrete basis for discussion. (NYU)
- So 2551 WHEN WORK IS DONE** *9 min. sound (1943) sh-c-adult \$.25*
Presents a positive approach to juvenile delinquency by showing the recreational program in various war production centers where living conditions are conducive to delinquency and crime. (OWI)
- So 209 YOU AND YOUR CHILD** *20 min. sound jh-sh-c-adult \$.25*
Parent-child relationship in the home. (USDA)

Clothing

- So 1915 CLOTHING *10 min. sound (1937) (Guide) jh-sh-c \$1.50*
Describes the typical ways in which backward people use the materials in their immediate environment for clothing. Traces the development of textile arts through the hand processes of various nationalities up to the modern mass production of the machine age. (Erpi)
- So 1269 HAT PARADE *24 min. sound jh-sh-c \$.25*
The ingenious and little known operations in the forming, shaping, and finishing of felts, straws, Panamas, boys' hats, millinery bodies—a complete survey of "from fur to felt to fashion." (Bakelite Corporation)
- So 691 WHAT'S IN A DRESS *11 min. sound el-jh-sh-c-adult \$.25*
Deals with old problems in the dress industry and new ways of meeting them.
Legislative action and coöperative efforts of employers and employees are represented as the effective measures responsible for the better wages and the short-hour schedule.
- 691 WHAT'S IN A DRESS *15 min. silent el-jh-sh-c-adult \$.25*
- 693 WITHIN THE GATES *20 min. silent jh-sh-c \$.25*
The story of Dad's shirt, the part played by women in the country's mass production and business. It begins with the picking of cotton, follows it through the mills where raw cotton is turned into thread, then into cloth; goes to the factory where the cloth is turned into a shirt. (Woman's Bureau)

Food and Preservation of Food

- So 3043 CANNING THE VICTORY CROP *25 min. sound el-jh-sh-c-trade-adult \$2.00*
In addition to giving the novice excellent advice about preserving fruits and vegetables, the film stresses the urgent need for food conservation, as it has been found that more food is needed at the present time, to keep America and its fighting forces fed, than at any other period in history. (USDA)
- So 352 CITRUS ON PARADE *11 min. sound jh-sh-c-adult-trade \$.25*
Pictures in natural color the preparation and service of 34 orange and lemon recipes.
Grove and packing house scenes show how the fruit is grown and marketed the year 'round. (California Fruit Growers' Exchange.)
- So 236 DEHYDRATION *17 min. sound (1943) jh-sh-c \$.25*
Shows and explains how scientific research, under the stimulation of pressing war needs, has made remarkable advances in processes by which the water content of many foods are removed to save weight, space, containers, and transportation. Pointing out that the principles of dehydration have been practiced for a long time, by the Hopi Indians, for example, the picture shows many interior scenes of modern plants preparing, dehydrating, and packing vegetables, milk, meat, eggs, and juices of various methods. (USDA)

- 717 **FOOD AND GROWTH** 10 min. silent (Guide) *jh-sh-adult* \$.25
Health and Nutrition Bureau experiment with white rats.
- So 1344 **FORTY BILLION ENEMIES** 25 min. sound *jh-sh-trade-adult* \$.25
Describes the improvement of general health brought about by mechanical refrigeration and quick transportation of foods. The relation between temperature and food spoilage is explained. (Westinghouse Electric Company)
- So 403 **FOUR NEW APPLE DISHES** 14 min. sound *jh-sh-c-adult* \$.25
Shows in color how Canadian apples may be made an attractive part of the menu. The first shows the various kinds and grades of Canadian apples, and explains the best uses for each, suggesting how apples should be purchased. (Canadian Government)
- 358 **FROZEN FOOD—IMPRISONED FRESHNESS** 25 min. silent *jh-sh-trade-adult* \$.25
Growing and packing of Bird's-Eye quick-frozen foods. (Bird's-Eye Co.)
- 735 **HELPFUL HINTS FOR SUCCESSFUL HOME CANNING** 15 min. silent *jh-sh-trade-adult* \$.25
Canning fruits and vegetables in glass jars. (Kerr Glass Co.)
- So 1261 **IDEAL HOME, THE** 27 min. sound *jh-sh-adult* \$.25
How Ideal Standardized Woodwork is made . . . and its uses. The flawless Ideal Step-saving Kitchen is demonstrated in several different arrangements. (Ideal Co.)
- So 1193 **MAGIC CAVES** 15 min. sound *jh-sh-adult* \$.25
The making of Roquefort cheese in caves in France; packaging in the United States. (Roquefort Association)
- 601 **MAGIC JAR, THE** 10 min. silent *jh-sh-adult* \$.25
The evolution of preserving foodstuff, beginning with early methods of the cave man down to the present time. (Atlas Ed. Film Co.)
- So 1291 **MEAT AND ROMANCE** 38 min. sound *jh-sh-c-adult* \$.25
Gives authentic and practical information to consumers on buying, cooking, carving, and serving meat, in addition to the nutritional value of this important food. (National Stock and Meat Board)
- So 1272 **MEAT FOR AMERICA** 20 min. sound *jh-sh-c-adult* \$.25
Packing and storing of foods in a large packing plant. (Armour and Company)
- So 5200 **MILK** 10 min. sound *jh-sh-c-adult* \$1.50
Primary film on milk—from cow to table. (Donavin Miller Production)
- 459 **MODERN MILK** 11 min. silent *jh-sh-c-adult* \$.25
Story of Evaporated milk. (Evaporated Milk Association)

- So 603 NEW ROMANCE OF GLASS
20 min. sound (Guide) jh-sh-c-adult \$.25
 Opens with the Phoenician's discovery of the making of glass and concludes with a canning demonstration. (Ball Glass Company)
- 603 NEW ROMANCE OF GLASS *19 min. silent jh-sh-c-adult \$.25*
- So 1171 OUR DAILY BREAD *10 min. sound jh-sh-c \$.25*
 Modern harvesting equipment—transporting grain to market—the making of bread. (International Harvester)
- So 361 PRESERVING THE VICTORY GARDEN
11 min. sound (1943) jh-sh-trade-adult \$.25
 Contains helpful suggestions for home canning, making jellies and preserves, and dehydrating fruits and vegetables. The difference between the water bath and steam pressure methods of preserving is explained, and it is shown when each method should be used. Emphasis is placed on the cause of spoilage and how the danger can be averted. (Aetna)
- So 1879 PRINCIPLES OF BAKING *11 min. sound jh-sh-c \$1.50*
 Explains the factors involved in the making of baked products. It shows that all baked products or flour mixtures have a common ingredient—flour. To this framework are added other ingredients dependent on the kind of product desired. The factors described in the film are (1) leavening agents, (2) methods of combining ingredients, and (3) oven temperatures used. (Erpi)
- So 1880 PRINCIPLES OF COOKING *11 min. sound jh-sh-c \$1.50*
 Emphasizes the fundamental principles of the simple cooking processes—boiling, frying, broiling, roasting, and steam cookery. Each process is illustrated to show how the food properties are changed by applying heat in this manner. The process is described in terms of its effect on nutritive values and palatability of foods. Animated diagrammatic drawings explain the changes that take place in starches and meat when heat is applied. (Erpi)
- So 2021 PRINCIPLES OF HOME CANNING *11 min. jh-sh-c-adult \$1.50*
 Emphasizes the importance of selecting choice, garden-fresh foods for best results in home canning. Canning is described as the preserving of foods by (1) sterilizing by heat, and (2) hermetic sealing of the sterilized food. Causes of food spoilage by molds, yeast, and bacteria are explained, and are illustrated by microphotography of molds, yeast, and the botulinus bacilli. The film also presents the principles involved in processing by (1) the boiling water bath for the acid foods, and (2) the pressure cooker for non-acid foods which require higher temperatures. (Encyclopaedia Britannica Films, Inc.)
- So 1271 SOLID FOODS IN THE INFANT DIETARY
14 min. sound jh-sh-adult \$.25
 How solid foods can and are being used in infant diets. (Libby, McNeill, & Libby)
- 350 STORY OF A LOAF OF BREAD, THE
25 min. silent jh-sh-adult \$.25
 A brief history of baking from ancient times; trip through a modern bakery. (American Society of Bakery Engineers)

- So 1345 THIS TOO IS SABOTAGE** *25 min. sound sh-adult \$.25*
 Dramatizes evidence given by government and other authoritative agencies as to how three of every four persons gamble with their proper share of health through careless food selection. Tells the essential food groups recommended by government and other nutrition authorities. Graphically demonstrates how to include items from each of these groups in each day's meals—despite rationing and food shortages. (Westinghouse)
- So 1196 YESTERDAY, TODAY, AND TOMORROW** *33 min. sound jh-sh-trade-adult \$.25*
 Designed to show the progressive steps taken in the development of food preservation and shows the canning industry from 1795 in France up to the present time. (H. J. Heinz)
- So 1347 YOU CAN HAVE EVERYTHING** *25 min. sound jh-sh-trade-adult \$.25*
 Tells how one man found out that a business could not hope to be successful if it was run with the old-fashioned equipment and methods that many homemakers must put up with, and what he did about it. (Westinghouse)

Nutrition

- So 1819 FEEDING THE PATIENT** *15 min. sound sh-c-trade-adult \$2.00*
 Explains the physical, mental, and emotional factors which affect appetite and digestion; preparation of the environment and the patient for the meal; proper balance of food and arrangement of the tray; individualized feeding care in terms of conditions, nutritional needs, and preferences of each patient; principles and procedures involved in the feeding of a recumbent and a convalescent patient; and the factors to be considered in aftercare of the patient. (Castle Films, Inc.)
- So 237 FOOD AND MAGIC** *10 min. sound jh-sh-c \$.25*
 The film opens on the midway of a circus with Jack Carson as Magician. Says the Magician: "Food Fights for Freedom," and with a few slight-of-hand tricks, he proceeds to show the audience that to win the food battle they must produce more, conserve more, and play square so far as rationing, sharing, etc., are concerned. (USDA)
- So 1882 FOODS AND NUTRITION** *11 min. sound jh-sh-c \$1.50*
 Animated treatments portray normal dietary requirements of carbohydrates, fats, proteins, minerals, vitamins, and water. The absorption of sugars by the blood stream and their transformation to glycogen in the liver, together with the absorption and storage of fats are explained. The metabolism of carbohydrates, fats, and proteins in the body, and the technique of determining the basal metabolism rate are portrayed. Photomicrography shows the growth of the tissue culture. (Erpi)
- So 2544 FOOD FOR FIGHTERS** *11 min. sound (1943) el-jh-sh-c-adult \$.25*
 Emphasizes the advances in the processing and transportation of food to the armed forces. (OWI)

- 204 FOOD MAKES A DIFFERENCE 15 min. silent *jh-sh-adult* \$.25
The results of proper nutrition for children; how laboratory tests are conducted to determine the effects of various foods; development and growth of flesh and bone. (USDA)
- So 1881 FUNDAMENTALS OF DIET 11 min. sound *jh-sh-c* \$1.50
Delineates the functional classifications of foods, shows that nature has provided most of these for the young of animals and plants; gives examples of many foods in each classification; shows by animal experiments what happens in diet deficiencies. (Erpi)
- So 64 KIDS MUST EAT 15 min. sound *el-jh* \$.25
A film featuring the Quiz Kids. The setting is a schoolroom with Quiz Master Joe Kelly acting as "Teacher." Among other things we learn that there are 30 million school children in America, a lot of whom are hungry because they are not properly fed. Here in the United States we have plenty of food. Sometimes, however, this food is unevenly distributed, resulting in surpluses. The Department of Agriculture offers to help communities pay for part of the food by reimbursing local sponsors 9 cents for the Type "A" lunch, or 7 cents for the Type "B" lunch, or 2 cents for the milk that children always need. Examples of the Type "A" and "B" lunches appear magically before the Quiz Kids, revealing complete, delicious, well balanced meals. (USDA)
- So 242 THE MAN WHO MISSED HIS BREAKFAST 10 min. sound *el-jh-sh-c-adult* \$.25
A delightful little story on the subject of nutrition, built around the Warren family. Basically, the nutritional foods are divided into seven groups: (1) green and yellow vegetables; (2) oranges, tomatoes and grapefruit; (3) potatoes and other vegetables and fruits; (4) milk and milk products; (5) meat, poultry, fish, and eggs; (6) bread, flour, and cereals; (7) butter and fortified margarine. The film is concerned with interesting Americans in the importance of eating some of all seven of these basic food groups each day. (USDA)
- So 1333 PRECIOUS INGREDIENT, THE 24 min. sound *sh-c-adult* \$.25
A factual and accurate film telling the story of vitamins, in what foods they are found, their importance, and how to protect them in cooking, by using a very interesting plot. (Westinghouse Electric Company)
- So 1299 PROOF OF THE PUDDING 15 min. sound (1941) (Kodachrome) *jh-sh-c-adult* \$.25
Emphasizes the importance of good nutrition. Food requirements of the body are explained, and results of good and bad diets illustrated. It is a story built around the Jones family. (General Electric)
- So 1343 V-MEN 16 min. sound (Guide) *jh-sh-c-trade-adult* \$.25
How scientific research proved that modern "protective cooking" saves vitamins. (Westinghouse)

So 2546 WARTIME NUTRITION

10 min. sound (1943) jh-sh-c-trade-adult \$.25

Emphasizes the importance of using our limited wartime supply of food wisely. Proper diet and wise selection of the food we eat is essential to good health. (OWI)

So 245 THE WAY TO A MAN'S HEART

30 min. sound jh-sh-c-adult \$.25

Presents the most up-to-date information on nutrition, emphasizing the importance of meat in the adequate diet, and teaches a lesson on modern meat cookery methods. A sequence in technicolor, showing a series of meals built around attractive meat dishes, injects the element of appetite appeal. (USDA)

INDUSTRIAL ARTS AND ENGINEERING

Industrial

- So 177 ALLOY STEELS *16 min. sound jh-sh-c-adult \$.25*
A story of the history of the development of alloy steel. (USBM)
- 163 ALUMINUM *17 min. silent jh-sh-c-trade-adult \$.25*
Illustrates use of aluminum in transportation, in home, in building, and in industry. Source of bauxite, mineral from which aluminum is extracted. Mining and purifying of bauxite. Preparation of ingots for fabrication of products. (USBM)
- 164 ALUMINUM *20 min. silent jh-sh-c-trade-adult \$.25*
Illustrates working and shaping of aluminum into various forms. Scenes in rolling and blooming mill. Making containers by hydraulic extrusion. Making castings. Tests conducted in research laboratory. Uses of some of completed aluminum products. (USBM)
- So 2510 ALUMINUM *11 min. sound (1941) jh-sh-c-trade-adult \$.25*
The story of the "fateful metal"; importation of bauxite from Dutch Guiana; transmutation into alumina and thence into aluminum sheeting and subsequently into fighting planes. Photographed on the Gulf Coast and at leading reduction and sheet-rolling plants, chiefly in the South. (OWI)
- So 198 ALUMINUM: FABRICATING PROCESSES *16 min. sound jh-sh-c-trade-adult \$.25*
Illustrates working and shaping of aluminum into various forms. Scenes in rolling and blooming mill. Making containers by hydraulic extrusion. Making castings. Tests conducted in research laboratory. Uses of some of completed aluminum products. (USBM)
- So 197 ALUMINUM—MINE TO METAL *15 min. sound jh-sh-c-trade-adult \$.25*
Illustrates use of aluminum in transportation, in home, in building, and in industry. Source of bauxite, mineral from which aluminum is extracted. Mining and purifying of bauxite. Preparation of ingots for fabrication of products. (USBM)
- So 1280 BLACKSMITH'S GIFT, THE *20 min. sound jh-sh-c \$.25*
History of the John Deere Plow. (John Deere Plow Co.)
- 166 COPPER LEACHING AND CONCENTRATION *11 min. silent (1938) jh-sh-c-trade-adult \$.25*
Illustrates operations in the preparation of copper ore for the smelter. Crushers, ball mills, belt conveyors, classifiers, and the operation of floatation cells are graphically shown. (USBM)
- 168 COPPER REFINING *11 min. silent jh-sh-c-trade-adult \$.25*
Shows the conversion of anodes into chemically pure copper by the electrolytic process in a large refinery that treats 8,000 tons of anodes each month. (USBM)

- 167 COPPER SMELTING 11 min. silent el-jh-sh-c-trade-adult \$.25
The conversion of ore and concentrates into metallic copper including scenes depicting crushing, roasting, smelting in reverberatory furnaces, removal of impurities in converters and anode furnaces and casting of the metal into anodes. (USBM)
- 169 FABRICATION OF COPPER 30 min. silent (1939) sh-c-trade \$.25
Shows the manufacture of copper wire, insulated cables, and other uses of copper. (USBM)
- So 1336 FLIGHT LOG 22 min. sound (1943) jh-sh-c-adult \$.25
This is the story of 100-octane aviation gasoline. It is also the story of the teamwork and coöperation of the engine manufacturer, the plane designer, and the petroleum scientist, who through their combined efforts have made the airplane and the gasoline which are today writing history in the battle skies of the world. (Shell Oil Company)
- 725 FROM MINE TO CONSUMER 23 min. silent jh-sh-c-adult \$.25
Mining, smelting, and refining of copper and fabrication of its alloys. Finished products. (American Brass Company)
- So 1220 HARVEST OF THE YEAR 22 min. sound sh-c-trade-adult \$.25
An important industrial film—how the dream of “putting the world on wheels” resulted in the world’s largest single industrial development. (Ford Motor Company)
- 466 INDUSTRIAL WORKERS 10 min. silent jh-sh-c \$.25
Most of the industries of Canada are along the St. Lawrence River and the Great Lakes to the south of Ontario and Quebec. Operations of typical factories are shown and the skill and specialization of the workers are emphasized. (National Film Board of Canada)
- 718 JEWELS OF INDUSTRY 20 min. silent jh-sh-c-adult \$.25
Science has, with nature’s aid, combined such common materials as sand, sawdust, salt, and coke, and these, after a terrific heating process, produce sparkling crystals—jewels of industry. Scenes of Niagara Falls; the manufacturing plants where these abrasives are made; industrial plants where they are used in many ways. (Rothacker)
- 157 MAKING V-TYPE ENGINE 19 min. silent jh-sh-c \$.25
Shows the unloading of ore boats, storage of iron ore, charging and tapping of blast furnaces, adding alloys, building molds, and casting molten iron. Pictures heat treatment and machining operations on various parts of the engine as well as the checking of finished parts for accuracy.
Concludes with assembling the various parts to complete the engine which is then tested and placed in the chassis of an automobile. (USBM)
- So 185 MANUFACTURE OF ABRASIVES 24 min. sound jh-sh-c-trade \$.25
Shows experiment which led to discovery of carborundum; manufacturing processes; some of the many uses of this product in factories, shops, farm, and home. (USBM)

76 MANUFACTURE OF ABRASIVES

25 min. silent jh-sh-c-trade \$.25 (USBM)

So 302 NICKEL AND NICKEL ALLOYS

32 min. sound (1943) jh-sh-c-adult \$.25

Shows arrival of copper-nickel matte at plant, crushing and grinding, weighing, charging into furnace which converts the sulphides into an oxide, addition of charcoal to partly deoxidized metal which is then taken to furnaces in refinery. Describes operation of the high-frequency induction furnace, electric arc-type furnace, and the gas-fired open-hearth furnace, charge mixed with charcoal is spread over hearth. (USBM)

So 180 NICKEL MILLING AND SMELTING

15 min. sound sh-c-trade-adult \$.25

Depicts world's largest nickel smelter; reservoir; power plant; transformer station; ore being transported to screening plant, crushed, and ground. (USBM)

So 181 NICKEL REFINING

10 min. sound sh-c-trade-adult \$.25

Processing of nickel into electrolytic nickel, black nickel oxide, and nickel shot is shown. (USBM)

So 1293 OIL FOR ALADDIN'S LAMP *26 min. sound jh-sh-c-adult \$.25*

Scenes in petroleum research laboratories tell of the development there of petroleum products and many other products useful in our daily lives. (Shell Oil Company)

So 1348 OIL FOR WAR

44 min. sound (Color) sh-c-adult \$.25

The construction of "Big Inch" pipe line, depicting the various phases of construction from clearing the right-of-way to back-filling of buried pipe. This picture is in color and sound and has been extensively used as a visual educational aid in training pipeline construction men. (Allied Chemical & Dye Corp., The Barrett Division)

So 301 PETROLEUM AND ITS USES

44 min. sound (1943) jh-sh-c-trade-adult \$.25

Portrays the principal uses of petroleum products intimately associated with the daily life of an average American family—in this case, the Watsons. Explains the manner in which petroleum products are obtained and their application in family and industrial activities. (USBM)

So 182 POWER WITHIN, THE

16 min. sound jh-sh-c \$.25

Shows scenes of early experiments to determine suitable fuel for use in internal-combustion engines, parts of the automobile engine disassembled and assembling by animated photography. (USBM)

136 POWER WITHIN, THE

18 min. silent jh-sh-c \$.25

Reel 1 shows scenes of early experiments to determine suitable fuel for use in internal-combustion engines.
Reel 2 shows the parts of the automobile engine disassembled and then the assembling is shown by animated photography. (USBM)

- So 1175 RIGHT MATERIAL IN THE RIGHT PLACE, THE
11 min. sound jh-sh-c-adult \$.25
 Explains the choice of materials for specific purposes; steel mill scenes, including internal operation of various types of furnaces. (International Harvester)
- 173 STEEL—BARS AND STRUCTURAL SHAPES
11 min. silent jh-sh-c-adult \$.25
 Title self-explanatory. (USBM)
- 172 STEEL—FLAT ROLLED PRODUCTS
11 min. silent jh-sh-c-adult \$.25
 Title self-explanatory. (USBM)
- 176 STEEL—PIPE AND TUBE MANUFACTURE
10 min. silent jh-sh-c-adult \$.25
 Title self-explanatory. (USBM)
- 174 STEEL—RAILS, WHEELS, AXLES
11 min. silent jh-sh-c-adult \$.25
 Title self-explanatory. (USBM)
- 175 STEEL—WIRE AND WIRE PRODUCTS
11 min. silent jh-sh-c-adult \$.25
 Title self-explanatory. (USBM)
- So 189 STORY OF A SPARK PLUG *27 min. sound jh-sh \$.25*
 Shows the use of spark plugs in gasoline engines; fire trucks, airplanes, etc., by animated drawings. (Bureau of Mines)
- 106 STORY OF A SPARK PLUG, THE *16 min. silent jh-sh \$.25*
 Story of the spark plug; use in gasoline engines, fire trucks, airplanes, etc., with animated drawings to show action of spark plug; making insulators, brass caps and electrodes with assembling, point setting, and packing. (USBM)
- 140 VALVES, THEIR MANUFACTURE AND USES
17 min. silent jh-sh-trade-adult \$.25
 Close-up views and cross-sections of angle, globe, gate, and check valves. Complete story of the manufacture of brass valves. Shows the making of iron and steel valves, including forging poppet, butterfly, check, and gate valves, 27-foot butterfly valve, the largest made. (USBM)
- 726 VOICE OF BUSINESS, THE *35 min. silent jh-sh-c \$.25*
 The complete story of Hammermill Paper, showing processes in making, inspecting, and shipping. (Hammermill Paper Company)
- So 1166 WHERE MILEAGE BEGINS *16 min. sound jh-sh-c-trade \$.25*
 Shows the workings of the gasoline engine. A stop-motion sequence in which an engine completely assembles itself without the aid of human hands concludes the picture. (General Motors, Inc.)
- 142 WILDWOOD—A 100 PER CENT MECHANIZED MINE
25 min. silent sh-c \$.25
 In addition to showing the most modern and efficient methods of securing coal, the film also covers preliminary testing for explosive gases, rock-dusting to prevent explosion of coal dust, and

concludes with views of first-aid instructions being given to employees, and first-aid and mine-rescue teams. (USBM)

Lubrication

- 151 AUTOMOBILE LUBRICATION *11 min. silent jh-sh \$.25*
A motorist is shown details of automobile lubrication in an efficient greasing station. A thorough check of his car is made to be sure that no detail is overlooked. (USBM)
- So 191 LUBRICATION *26 min. sound jh-sh-c-trade-adult \$.25*
Describes the theory of friction and practical application of lubrication to the various mechanical elements connected with our War effort and everyday life. (USBM)
- 120 STORY OF LUBRICATING OIL *35 min. silent jh-sh-c \$.25*
Reel 1 stresses importance of lubrication to machinery; shows stills used in separating various products from crude oil; explains theory of operation of still; pictures treatment of crude lubricating oil to remove impurities; shows removal of paraffin wax; and illustrates separation of oil into various grades in reducing stills, followed by filtration.
Reel 2 follows bottom stock remaining after distillation of crude oil through treatment with chemicals to take out impurities, separation of petrolatum by centrifuges and blending of various grades and types of oils to make lubricants for every purpose; also shows flash and viscosity tests in laboratory and application of correct lubricants to automobile, airplane, and Diesel engines. (USBM)

Power

- So 1170 BUILDING OF BOULDER DAM, THE *8 min. sound jh-sh \$.25*
Pictures man's conquest of the Colorado River by the building of a great dam. The varied activities incidental to the creation of this huge dam are woven into a story. (International Harvester)
- So 317 BOULDER DAM *31 min. sound (Guide) jh-sh-c \$.25*
The complete process of the building of Boulder Dam is shown in the film—from the first preliminary construction in 1931 until the present time. (Deluxe Labs. and USDI)
- 317 BOULDER DAM *45 min. silent (Guide) jh-sh-c \$.25*
Construction of Boulder Dam, from start to finish, is described. Scenes of construction processes are explained. (USDI)
- 957 CAT AND THE KIT, THE *9 min. silent jh-sh-c \$1.00*
An animated picture, designed to promote the use of G-E Edison Mazda automobile lamps and to encourage the carrying of spare lamps.
- So 280 WASTED WATERS *16 min. sound jh-sh-c \$.25*
Conservation of water for power by the T.V.A. (T.V.A.)

- So 1989 WATER POWER** 10 min. sound (Guide) jh-sh \$1.50
 Traces the development of water power, chiefly in the United States, from the small mill of the early colonist to Niagara, Boulder Dam, and the Tennessee Valley. There is an informative sequence on the transformation of kinetic energy of the waterfalls into potential energy through the hydro-electric plant illuminative technical animation explaining the turbine. (Encyclopaedia Britannica Films)

Skills

- So 304 FORMING ALUMINUM—BLANKING AND PIERCING**
 16 min. sound (1943) sh-c-trade-adult \$.25
 Prefaces the phase of fabrication with illustrations of the various tools and implements needed and the material used in blanking, followed by the operations of the die and punch. Explaining that the size of the sheet to be blanked is governed by the thickness of the metal and size of the blank, the film emphasizes the necessity of accurate clearance between the punch and die, and the relation of clearance to thickness and hardness. (USBM)
- So 306 FORMING ALUMINUM—DRAWING**
 22 min. sound (1943) sh-c-adult-trade \$.25
 Discusses the properties of cold working and heat-treatable aluminum alloys and the purposes of heat-treating and refrigerating the metals. Illustrating the single-action and double-action or toggle drawing press, the films show the mechanical action of the draw press, demonstrating the effect of drawing on the temper and strength of the metal. Pictured also are the flow of the metal when a blank is drawn, the result of a rectangular draw, the drawing of curved shapes, the changes in shape under multiple draws, and the important factor of lubrication. (USBM)
- So 303 FORMING ALUMINUM—GENERAL SHEET METAL PRACTICE**
 21 min. sound (1943) jh-sh-c-adult \$.25
 Introduces aluminum alloys and their designations, discussing the heat treatment and degrees of hardness of metals, the art of shaping, the choice of tools working, and the stresses and flow of metal which occur when metal is bent. Explains the relation of radius bend to the thickness of metal, "Spring-back," the use of bending dies and power brakes, and the method of flanging. (USBM)
- So 307 FORMING ALUMINUM—SPINNING**
 17 min. sound (1943) jh-sh-c-adult-trade \$.25
 Shows how the metal spinners have developed special tools having individual characteristics for the intricate spinning processes. The application of the spinning tools, the laying down, beading, and cutting or trimming tools are shown in operation along with alloys and dimensions of blanks used in spinning, the relation of lathe speed to the diameter of the blank, and the flow of the metal under movement of the spinning tool. Demonstrates the art of hand spinning which shows the skill required in synchronizing the movement of tools to the feed screw of the machine. Contrasted with hand spinning is the depicting of the mechanical method in which the tools are operated by hydraulic pressure. (USBM)

So 305 FORMING ALUMINUM—TUBE AND SHAPE BENDING

14 min. sound (1943) sh-c-adult-trade \$.25

Describes the principal factors involved in machining and handling tubular aluminum, such as alloy, thickness, and size and shape of the tube. Illustrating both cold bending and hot bending, the picture also shows tool requirements for bending rectangular tubes, the bending of structural shapes, uses of the bending hub, stop gauge, and back-up blocks. (USBM)

So 194 HOW TO MACHINE ALUMINUM

30 min. sound trade-adult \$.25

Depicts different alloys of cast and wrought aluminum, and the effect of alloying, heat treating, and cold working on the machinability of alloys. (USBM)

So 195 HOW TO RIVET ALUMINUM *25 min. sound trade-adult \$.25*

Shows complete instructions on preparing rivet holes, fastening the joints, and heating the rivets under controlled temperatures. How to look for faults, methods of testing riveted joints, and removal of defective rivets. (USBM)

Aircraft

So 2783 ASSEMBLING IN A JIG (DRILLING AND RIVETING)

20 min. sound sh-trade-adult \$2.00

Shows the procedure for drilling, burring, dimpling, and riveting an aircraft sheet metal assembly emphasizing (1) following a pattern in drilling; (2) fastening parts securely before riveting; and (3) riveting procedures for long and short seams. (USOE)

So 2782 ASSEMBLING IN A JIG (FITTING AND LINING UP)

15 min. sound sh-trade-adult \$1.50

Shows how aircraft sheet metal parts are assembled in a precision assembly jig, how aircraft sheet metal parts are fitted together and accurately lined up; how to use an awl for lining up; how to use skin fasteners; and how to correct misaligned holes. (USOE)

So 2781 COUNTERSINKING, COUNTERBORING AND SPOTFACING

18 min. sound sh-trade-adult \$2.00

The methods followed in mounting the work on the table of the machine and in setting up the machine so that a number of pieces can be done without changing the set-up are given in detail. After the counterboring has been completed, using the same set-up, the operator drills and spotfaces the holes in the base. The necessity for planning when to do production work in order to keep the number of times tools are changed to a minimum, is emphasized as is also the advisability of using simple methods when setting up work. (USOE)

So 2785 DIMPLING AND COUNTERSINKING

20 min. sound sh-trade-adult \$2.00

Shows how dimpling and countersinking prepare metal for flush riveting; how to set up and adjust a dimpling machine; how to operate a dimpling machine; how to select and adjust a stop countersink; and how to countersink work for flush rivets. (USOE)

So 2784 DRILLING WITH PORTABLE DRILL MOTORS

17 min. sound trade-adult \$2.00

Shows how to use a portable electric drill motor; how to select a drill and check it for size; how to insert a drill in a chuck; how to check a drill for true running; how to avoid damage to parts while drilling; and how to install and use a special attachment for drilling. (USOE)

So 2786 DRIVING AND BUCKING RIVETS

16 min. sound sh-trade-adult \$1.50

Shows how to set up and adjust a rivet gun; how to drive rivets under average conditions; how to buck rivets under average conditions; how a riveter and a buckler work together as a team; and how to drive and buck rivets in hard-to-get-at-places. (USOE)

So 2787 REMOVING DEFECTIVE RIVETS

14 min. sound sh-trade-adult \$1.50

Shows how an inspector marks defective rivets; how to center a drill in a rivet-head; how to drill the heads of flush-type and brazier head rivets; how to draw a drill back on center; and how to remove the shank and head after drilling. (USOE)

Machine Shop

So 2728 CENTERING SMALL STOCK *11 min. sound sh-trade-adult \$1.50*

Shows how to locate the center of round, square, and rectangular pieces using (1) a surface plate, V blocks and surface gage; (2) hermaphrodite calipers; and (3) a center head and rule. (USOE)

So 2739 CHISELS

11 min. sound jh-sh-trade-adult \$1.50

Use and care is depicted. (Plomb Tool Co.)

So 2718 CUTTING A KEYWAY ON END OF A FINISHED SHAFT

12 min. sound sh-c-trade-adult \$1.50

Demonstrates the use of a shaper in cutting a keyway in a steel shaft. Shows how to select the cutting tools; how to secure the work in a vise; and how to set the length, position, and speed of the ram stroke. (USOE)

So 2707 CUTTING A TAPER WITH THE COMPOUND REST AND TAPER ATTACHMENT *10 min. sh-c-trade-adult \$1.50*

Animation and demonstration on the lathe show the correct method for setting the compound to cut a steep taper, and how to set the taper attachment for cutting a taper of $1\frac{1}{2}$ " per foot. Full instructions are given for setting the tool when cutting a taper; the correct use of roughing and finishing tools; and the use of the bevel protractor and ring gage to measure tapers. (USOE)

So 2734 CUTTING AN EXTERNAL ACME THREAD

17 min. sound sh-trade-adult \$2.00

Shows the work being mounted on a mandrel, and placed between centers on the lathe. Shows how to set the lathe gears for cutting a thread. The selection, checking, and setting up of roughing and finishing tools are included. Sequences show how to cut the thread with and without using the threading dial. (USOE)

- So 2709 CUTTING AN EXTERNAL NATIONAL FINE THREAD
11 min. sound sh-c-trade-adult \$1.50
 Describes the various shapes of threads and their uses; gives the characteristics of the National Fine Thread; and shows the procedure used to cut such a thread on a lathe. Detailed instructions are given for checking the shape of the threading tool with a gage, the proper setting of the tool for cutting a thread; and how to set the lathe for cutting the required pitch. Use of the threading dial is shown in detail. (USOE)
- So 2711 CUTTING KEYWAYS *15 min. sound sh-c-trade-adult \$1.50*
 Shows how to set up a shaft on the table of the milling machine for cutting a keyway at each end. The selection of the proper cutter; the determination of the correct speed and feed; and the setting of the machine for the proper depth of cut and length of cut are illustrated. Demonstrates the use of micrometer collars on lead screws. (USOE)
- So 2723 CUTTING THREAD WITH TAP AND DIES
18 min. sound sh-trade-adult \$2.00
 Shows the methods, operations, and procedures for cutting small threads with hand taps and dies. Explains the correct use of the taper tap; the plug tap; and the bottoming tap in cutting internal threads in a blind hole. Shows how to use a hand die to cut threads on a stud to fit in the tapped holes. (USOE)
- So 2745 DIES AND DIE MAKING *18 min. sound jh-sh-c-trade-adult \$2.00*
 This subject is broken into two parts, the first reel treats the elementary principles of dies and their construction. The different important types of blanking tools are shown. The simple open die, the parting tool, the progressive tool and the compound tool. The second reel covers the bending, forming, and drawing of metal in dies. Both of these reels present the practical points that are essential to the correct operation of press tools. (USOE)
- So 2735 DRILLING A HOLE IN A PIN *10 min. sound sh-trade-adult \$1.50*
 The operations and sequences followed when drilling a hole in each end of a steel pin. Two methods are shown: drilling to a layout; and drilling with a jig. The use of a jig when drilling small, deep holes is shown. Commentary is used to emphasize the various safety precautions that must be observed. (USOE)
- So 2721 DRILLING AND TAPPING A CAST IRON STEEL VALVE BODY
18 min. sound sh-c-trade-adult \$2.00
 Shows the technique used when drilling and tapping blind holes in cast steel on a radial drill. Setting up the work, setting the jig, and clamping the work in place on the table are shown. Calculating the size of the tap drill and the method used when setting the machine to drill a number of holes to the same depth is demonstrated. (USOE)
- So 2708 DRILLING, BORING AND REAMING WORK HELD IN A CHUCK
10 min. sound sh-c-trade-adult \$1.50
 Shows the operations for cutting a tapered hole in a forged steel gear blank, using the taper attachment. The operations of centering the piece in a chuck, rough-facing, drilling, taper-boring, and reaming are given in detail. A taper plug gage is used to check the size and taper of the finished hole. (USOE)

- So 2722 DRILLING TO A LAYOUT AND SPOTFACING A CAST IRON VALVE BODY** *16 min. sound sh-c-trade-adult \$1.50*

The technique used when drilling to a layout and spot facing the under side of a flange. The drill is started and test spot is drilled. It is badly off center, and the technique used in drawing it over to the center of the layout is demonstrated. The reasons why the drill often starts off center and the basic reasons underlying the various techniques used in drawing it back on center are demonstrated. (USOE)

- So 2746 ELEMENTARY OPERATIONS ON THE ENGINE LATHE** *10 min. sound sh-trade-adult \$1.50*

It covers correct methods for exact alignment of the lathe, detailed procedures involved in facing, straight turning, and squaring a shoulder, working accurately to dimensions from a mechanical drawing, characteristics and selection of the principal cutting tools and the use of micrometers in relation to the graduated dials. (Eastman)

- So 2717 FACING, TURNING, BORING, GROOVING, CHAMFERING ON A VERTICAL TURRET LATHE** *26 min. sound sh-c-trade-adult \$2.50*

Shows the operations and procedures followed when tooling up a vertical turret lathe for operations requiring the simultaneous use of both vertical and side heads. An indicator is used to check the setting of the fixture, and for mounting the work centrally on the fixture. (USOE)

- So 2725 FITTING AND SCRAPING SMALL BEARINGS** *18 min. sound sh-trade-adult \$2.00*

Shows the scraping of split and solid bearings; the laying out and chipping of oil grooves; and the fitting of the shaft to the bearings. Shows forms of hand scrapers used for scraping curved surfaces and explains why bearings must be relieved to aid lubrication. (USOE)

- So 2702 FIXED GAGES** *15 min. sound sh-c-trade-adult \$1.50*
A demonstration of the use of snap, plug, ring, thread, screw-plug, and flush-pin gages, emphasizing their importance in modern mass production. Care necessary to maintain their accuracy is stressed. (USOE)

- 500 FOUR STROKE CYCLE GAS ENGINE** *11 min. silent jh-sh-c \$1.00*

Animated drawings show the four strokes of each cycle; intake, compression, power, and exhaust; the fuel system of a gas engine is traced; the principle of the spark coil is illustrated and the air-cooled system is compared with circulatory water-cooling. (Eastman)

- So 2732 FUNDAMENTALS OF END CUTTING TOOLS** *11 min. sound sh-trade-adult \$1.50*

Shows the parts of the radius tool, the threading tool, the sheer cut finishing tool, the round nosed finishing tool, and the side facing tool, correct setting of the tools, and the type of cut each is ground to make. (USOE)

So 2730 FUNDAMENTALS OF FILING

11 min. sound sh-trade-adult \$1.50

Shows the various kind of files and indicates the general type of work that each is used for. Shows the use of single cut files; draw filing with a single cut fine file; and the difference between the single cut and double cut files. Explains the types of files which are used for different types of jobs and with different metals. (USOE)

So 2731 FUNDAMENTALS OF SIDE CUTTING TOOLS

11 min. sound sh-trade-adult \$1.50

Gives the name and location of each part of the tool; an explanation of the relationship between each part and the job the tool has to do; and an explanation of how the job of cutting metal and carrying off the heat generated affects the shape, the setting, and the care of a single point side cutting tool as used in a lathe. (USOE)

So 2748 GRINDING PRACTICE

11 min. sound jh-sh-c-trade \$1.50

This film starts by showing that grinding is really a cutting operation. The practical selection of the right wheel and speed and feed occupies an important portion of this film. The main types of grinding machines are explained, and their use in cylindrical, internal and surface grinding. Tool grinding, as form milling cutters, and reamers are shown. Thread grinding and form grinding are also included. (Film Productions Co.)

So 2742 HACKSAWS

18 min. sound jh-sh-trade-adult \$2.00

Proper selection of blades for various metals and correct methods are developed by the film. (Plomb Tool Co.)

So 2740 HAMMERS

11 min. sound jh-sh-trade-adult \$1.50

Various types of hammers and correct handling are shown. (Plomb Tool Co.)

So 2704 HEIGHT GAGES AND STANDARD INDICATORS

11 min. sound sh-c-trade-adult \$1.50

Reviews the fundamental principles and reading of a vernier scale as used on a height gage, shows several forms of test indicators and demonstrates their use. (USOE)

So 2749 JIGS AND FIXTURES

11 min. sound jh-sh-c-trade \$1.50

This picture is directed toward the specific subject of its title. It is a valuable one to show to apprentices since it starts by setting up the basic fundamentals that are of greatest importance to every kind of machine operation. It presents the proper way to clamp and hold work for machining. (Film Productions Co.)

So 2750 LATHE OPERATION

18 min. sound jh-sh-c-trade \$2.00

This reel starts by showing certain points relating to the care of a machine tool. This film is especially suited to beginners, as the material is presented in the most elementary method possible. The various operations that can be performed upon the machine are illustrated, straight turning, facing of work, boring of holes, production of a taper, screw cutting, parting, knurling, etc. Methods of holding and driving work are shown, such as chucks, on centers, faceplate, collet, mandrel, etc. (Film Productions Co.)

So 2729 LAYING OUT SMALL CASTINGS

15 min. sound sh-trade-adult \$1.50

Shows the methods and procedures used when laying out holes for drilling; how to locate a reference point; and the use of the hermaphrodite calipers, the combination square, and the surface gage. (USOE)

So 2736 LOCATING HOLES: DRILLING AND TAPPING IN CAST IRON

19 min. sound sh-trade-adult \$2.00

The methods and sequences followed when drilling and tapping cast iron. The method of locating the center of the bolt circle and the centers of the various bolt holes are shown. A tapping chuck of standard make is used to tap the two holes for set screws. The method of setting the machine for this operation and the precautions the operator must take are shown in detail. (USOE)

504 MACHINES, SIMPLE

11 min. silent jh-sh-c \$1.00

Built up, step by step, from the common lever to combinations of all six simple machines, this film will promote an understanding of the operating principles of all complex machines. (Eastman)

So 2719 MACHINING A RECTANGULAR CAST IRON BLOCK

25 min. sound sh-c-trade-adult \$2.50

Illustrates the use of parallels to set a block in a shaper vice for machining all six surfaces square with each other. Demonstrates techniques for making finishing cuts. Setting the machine for the proper ram stroke, ram speed, cross feed, and depth of cut are illustrated. (USOE)

So 2720 MACHINING A TOOL STEEL V-BLOCK

18 min. sound sh-c-trade-adult \$2.00

A solid rectangular tool-steel block is set up in a shaper vise after being laid out with V grooves and rectangular grooves. The proper setup of the work to assure parallelism of cut, and the method for selecting ram stroke, ram speed, cross feed, and depth of cut are shown. Proper selecting and setting of roughing and finishing tools are emphasized. (USOE)

So 2763 MAKING A FIVE TUCK SPLICE

25 min. sound sh-c-trade-adult \$2.50

Shows how to solder a cable end to prevent unlaying while splicing; how to use a splicing clamp and a marlin spike; how to make the first tuck and the four succeeding tucks; how to taper the splice; and how to set, serve, and shellac the splice. (USOE)

So 2751 MANUAL TRAINING, ELEMENTARY

11 min. sound el-jh-sh-adult \$1.00

A gift box is displayed, and then a table is seen covered with various samples of this sort of work. The working plan indicates lumber or stock required. The instructor selects various tools and shows the plans to a small boy. The youngster proceeds to measure, saw and plane the various pieces needed. He glues and nails them together. He carves with a veining tool, attaches cleats to the cover and sandpapers the box. He applies a stain and attaches leather hinges. He traces a ship design onto a piece of wood, cuts it out with a coping saw and glues it to the top of the box. (Garrison Films)

501 MECHANICAL DRAWING, AN INTRODUCTION TO

11 min. silent \$1.50

Mechanical drawing is here presented clearly and practically for the beginner. The necessary materials are lined up and the correct methods of procedure demonstrated. Drawings are actually made of articles requiring one, two and three views. (Eastman)

So 2753 METAL CUTTING TOOLS

20 min. sound jh-sh-c \$2.00

Structure of metal. The method by which a chip is formed, and this, naturally develops the reasons for the various angles there are incorporated in practical tools, such as: clearance angles, back and side rake angles, etc. (Film Productions Co.)

So 2701 THE MICROMETER

14 min. sound sh-c-trade-adult \$1.50

Shows the various forms of the micrometer—outside, inside and depth micrometers. The correct reading of the barrel and thimble scales, and emphasizes their correct use and care. (USOE)

So 2710 THE MILLING MACHINE

6 min. sound sh-c-trade-adult \$1.50

Provides a demonstration of a plain milling machine and shows the basic parts of the machine, locates and names the various control levers, and demonstrates the action of the table longitudinally, vertically, and cross-wise. (USOE)

So 2754 MILLING MACHINE OPERATION

22 min. sound jh-sh-c-trade \$2.50

Presents the operation of a milling machine so that it can be easily understood by the beginner. The various types of cutters, and the work that can be done on this machine are shown. Conventional and climb milling are explained and the reasons for each. The various methods of holding work and precautions to be observed. The cutting of straight and helical gears, bevel gears, and cams. Form milling and the use of ganged cutters. (Film Productions Co.)

502 OIL REFINING, CRUDE

12 min. silent jh-sh \$1.00

A series of demonstrations, animations, and photographs, shows the steps in distilling which are concerned with gasoline, kerosene, oil distillate, paraffin wax, fuel oil, lubricating oil, asphalt, and "cracking." (Eastman)

So 2714 PLAIN INDEXING AND CUTTING A SPUR GEAR

25 min. sound sh-c-trade-adult \$2.50

Offers an explanation and definition of diametral pitch, and the parts of a gear tooth; detailed explanation of the use of the dividing head for spacing teeth and the operations of a milling machine in the cutting of a spur gear. (USOE)

So 2744 PLAIN TURNING

19 min. sound sh-c-trade-adult \$2.00

This companion film to "Metal working lathe," clearly illustrates all operations in the machining of a shaft held between the lathe centers. It teaches many of the basic procedures encountered in all lathe work. Among these are blue print reading, measuring with calipers and micrometers, locating and drilling center holes, proper selection of cutting tools, rough turning and finish turning of the work-piece. (South Bend Lathe Works)

So 2756 PLANER AND SHAPER OPERATION

10 min. sound jh-sh-c-trade \$1.50

Explains the construction and operation of these machines. It shows the operation of the clapper box on straight surfacing, on dovetailing and on under cutting, as in the case of a tee slot. It illustrates the various methods of clamping and holding work, and the principles involved. The proper sequence of operations to machine a rough casting is shown. The practical factors involved in the removal of the "skin" of a casting are explained. (Film Productions Co.)

So 2738 PLIERS AND SCREWDRIVER

17 min. sound jh-sh-trade-adult \$2.00

Correct use of these tools as well as what not to do is shown. (Plomb Tool Co.)

So 2757 PRECISION MEASURING

10 min. sound sh-c-trade \$1.50

Explains layout and dimensioning. Among other things it explains the basic methods of precision layout, which are used in jog borer, milling machine and lathe boring. Precision measuring instruments are broken down into their five basic principles, the micrometer screw, the multiplying lever, the vernier scale, the contact gauge, and optical magnification. Each of these principles is explained and different examples of each are shown. The measurement of angles is shown by protractor, dividing head, and sine bar. (Film Productions Co.)

So 2760 PRINCIPLE DIMENSIONS, REFERENCE SURFACES, AND TOLERANCES

11 min. sound sh-c-trade \$1.50

Shows the relationship between the blueprint and a rough and finished casting; how to compare casting dimensions with blueprint specifications; how a cross section view is derived from a full view; how to use a blueprint as an aid in selecting reference surfaces from which to take other dimensions; how to interpret tolerances; and how to use a blueprint in checking the accuracy of finished work. (USOE)

So 2741 PUNCHES, DRIFTS AND BARS

14 min. sound jh-sh-trade-adult \$1.50

Types and sizes for particular jobs and correct handling is portrayed by the film. (Plomb Tool Co.)

So 2761 READING A DRAWING OF A VALVE BONNET

20 min. sound \$2.00

Shows how to interpret conventional symbols and tolerance specifications, and the conventional views and cross-sectional views shown on a blueprint of a fairly elaborate workpiece; how to use the blueprint as a guide in planning machine operations; and how to obtain dimensions not given directly on the blueprint and apply them in laying-out and performing the work. (USOE)

So 2726 REAMING WITH STRAIGHT HAND REAMERS

18 min. sound sh-trade-adult \$2.00

Shows and explains the operations, methods; and procedures used. (USOE)

So 2727 REAMING WITH TAPER HAND REAMERS

15 min. sound sh-trade-adult \$1.50

Shows and explains the tools, operations, methods, and procedures used. The demonstrations covered are the hand reaming of a taper pin hole through a shaft and collar and taper reaming a dowel pin hole. (USOE)

So 2716 ROUGH FACING AND BORING AND TURNING A SHOULDER ON A VERTICAL TURRET LATHE

22 min. sound sh-c-trade-adult \$2.50

Reviews the operation of the vertical head; portrays in considerable detail the parts and the operation of the horizontal or side head; depicts the procedures used in holding work on the table with clamps and driving block; and demonstrates the operations used in making rough facing, boring, and turning cuts with the independent use of the main and side head. (USOE)

So 2715 ROUGH FACING, TURNING AND DRILLING ON A VERTICAL TURRET LATHE

25 min. sound sh-c-trade-adult \$2.50

Emphasizes the identification of the various controls on a standard vertical turret lathe; the use of these controls in making facing, turning, and drilling cuts with the vertical head; demonstrates the independent and universal movements of the chuck jaws on the table; the method of holding a piece by internal chucking and the use of the indexes on the machine to control the movement of the cutting tools. (USOE)

So 2705 ROUGH TURNING BETWEEN CENTERS

12 min. sound sh-c-trade-adult \$1.50

Emphasizes and presents in considerable detail the care and operation of the machine, the identification of the various controls and parts of the machine used in rough turning, the correct setting of rough turning tools, the safety precautions necessary for both operator and machine, and the necessity for following a blueprint in performing any job. (USOE)

So 2724 SCRAPING FLAT SURFACES *13min. sound sh-trade-adult \$1.50*

Shows and explains the operations, methods, and procedures used in hand scraping flat surfaces to a surface plate. The problem is hand-scraping a fuel pump body to produce a liquid-tight joint. Five common forms of hand scrapers are shown. (USOE)

So 2700 THE STEEL RULE *12 min. sound sh-c-trade-adult \$1.50*

Discusses in considerable detail the steel rule, emphasizing the variations of the steel rule; the type of scales found on them; their proper use; and the correct procedures in transferring measurement by means of calipers and dividers. (USOE)

So 2712 STRADDLE AND SURFACE MILLING TO CLOSE TOLERANCES

22 min. sound sh-c-trade-adult \$2.50

Shows the set-up and the selection of cutters used when surface milling a solid block of steel on four sides and then straddle milling the block into a T-section, working to close tolerances. The piece is clamped to the table with finger clamps in each end. (USOE)

- So 2713 STRADDLE MILLING** *17 min. sound sh-c-trade-adult \$2.00*
Shows the sequence of operations used when machining the sides of two connecting rods held on a fixture mounted on a table of a No. 2 plain milling machine. (USOE)
- So 2733 TURNING A TAPER WITH TAILSTOCK SET OVER** *18 min. sound sh-trade-adult \$2.00*
Shows the operations and sequences followed when turning a taper on a lathe with the tailstock set over. Begins with a definition of the word "taper" and mentions some of the many ways in which they are used in machines. The three methods commonly used when turning tapers on a lathe are mentioned and the reason is given why it is sometimes necessary to use the set-over method. (USOE)
- So 2706 TURNING WORK OF TWO DIAMETERS** *14 min. sound sh-c-trade-adult \$1.50*
Emphasizes the care and operation of the machine, the necessity for advance planning of the work, the setup for the job, the necessity for checking with the blueprint, laying off and nicking the piece for machining, rough and finish turning to close tolerances, rough and finish facing, and rough and finish turning of fillets. (USOE)
- So 2703 VERNIER SCALE** *16 min. sound sh-c-trade-adult \$1.50*
Offers a detailed study, largely in animation, of the principles of the vernier scale and its application to precision measurement. The reading of the vernier scale and the precautions necessary in the care of tools having a vernier scale are stressed. (USOE)
- 503 WOOD TURNING, ESSENTIALS OF** *11 min. silent jh-trade \$1.50*
Two high-school teachers, in charge of visual aids and vocational training, collaborate in a well-made teaching film on operation of a simple wood lathe, by scraping method and show the usefulness of knowledge of woodworking machinery. (VGF)
- So 2743 WORKING LATHE, THE METAL** *17 min. sound sh-c-trade-adult \$2.00*
Adapted from the company's book, "How to Run a Lathe," this film is intended to speed up the training of lathe operators for national defense industries. Shows the apprentice what a lathe is, what a lathe is for, and how the various parts operate. Important lathe operations, including turning, facing and thread cutting are demonstrated. (South Bend Lathe Works)
- So 2737 WRENCHES** *20 min. sound jh-sh-trade-adult \$2.00*
This film includes proper use of flat and socket wrenches including attachments. (Plomb Tool Co.)

Shipbuilding

- So 2771 BULKHEAD: LAYING OFF AND FITTING A CENTERLINE STIFFENER** *16 min. sound sh-c-trade-adult \$1.50*
This subject gives considerable emphasis to the advance planning of the work in terms of the most economical cutting of the T-bar stiffener and tripping bracket from an I-beam; the laying off of

stiffener and brackets from templates; and the necessity for constant checking with the blueprint on the part of the shipfitter. (USOE)

So 2770 BULKHEAD: LAYING OFF BOUNDARY, STIFFENERS, WATER LINES AND BUTTOCK LINES

20 min. sound sh-c-trade-adult \$2.00

Considerable emphasis is given to a definition and explanation of base line, center line, water line, and buttock lines; showing how these lines are located and chalked on the bulkhead; demonstrating the knacks used to make certain that the lines are "square"; and showing the use of templates to lay off stiffeners and other markings. (USOE)

So 2772 BULKHEAD: SETTING A TRANSVERSE WATERTIGHT BULKHEAD INTO HULL

17 min. sound sh-c-trade-adult \$2.00

Demonstrates the work of the shipwright in setting and fairing a watertight bulkhead into a hull. Considerable emphasis is given to the location of the center line, frame lines and buttock lines on the hull of the ship, the alignment of the same lines on the bulkhead to the hull lines, the technics used in shifting the bulkhead to bring it into the correct position, and the shoring of the bulkhead in position for fitting. (USOE)

So 2768 DECK GIRDERS: SUB-ASSEMBLY

15 min. sound sh-c-trade-adult \$1.50

Portrays the work of the shipfitter in sub-assembling a deck girder. This demonstration gives considerable emphasis to the necessity for proper understanding and correct reading of the blueprint in order to lay out and fit a deck girder accurately, the purpose of a deck girder, the operations necessary to fit filler and tilting brackets. (USOE)

So 2773 DECK PLATES: REGULATING AND SETTING

16 min. sound sh-c-trade-adult \$1.50

Shows the work of the shipfitter and the shipwright in setting, fairing, regulating, and fitting the deck plates of a ship. Emphasis is given to procedures used by the shipwright in setting and aligning deck plates, the work of the shipfitter in regulating and fitting the plates in their position, the use of a steamboat jack and angle bar clips and bolts for moving the plates are demonstrated. (USOE)

So 2769 THE DECK: SETTING A WEB FRAME AND A TRANSVERSE BEAM

20 min. sound sh-c-trade-adult \$2.00

Gives considerable emphasis to laying off of center lines, frame lines and buttock lines on the deck of the ship; fitting and setting the horn girder in terms of these lines; the various procedures used to shift the girder up and down, over and crosswise and to the definition of such words as camber, wooden batten and spiel line. (USOE)

So 2766 INNERBOTTOM SECTION: SETTING UP FLOORS AND LONGITUDINALS

17 min. sound sh-c-trade-adult \$2.00

Deals with the coöperative work of shipfitter and shipwright in setting and fitting a closed floor in an innerbottom section. It provides as explanation and definition of keel, longitudinal side

girders, floors, fairing, and declivity; shows the fairing, setting, and fitting of a floor in an interbottom section and demonstrates the procedures used in checking the declivity angle, the use of wedges and spur shores, the use of bar and turn buckles to align the keel and emphasizes the use of the blueprint in all shipbuilding work. (USOE)

So 2765 INNERBOTTOM SECTION: SUB-ASSEMBLY OF A CLOSED FLOOR: SUB-ASSEMBLY OF AN OPEN FLOOR

17 min. sound sh-c-trade-adult \$2.00

Deals largely with the work of the shipfitter. Defines vertical keel, flat keel, keelson, floors, stiffener, battle plate, and universal mold; explaining the role of these elements of the ship construction in strengthening the ship; and demonstrating the laying off of the closed floor from a template, locating and fitting a vertical stiffener, a flat bar ring for lightening hole, and a face plate. (USOE)

So 2764 PREPARING AND SETTING A KEEL BLOCK AND BOTTOM CRADLE

18 min. sound sh-c-trade-adult \$2.00

Presents in detail an explanation of the basic lines used in ship construction; base line, center line, water line, buttock line, frame lines; and explanation and definition of declivity angle, port and starboard, athwartships, and fore and aft; a demonstration of the setting of the keel block to the center line and proper declivity angle and the marking off and setting of a spaul from a template mold. Some animated diagrams are used. (USOE)

So 2767 SIDE FRAMES: SUB-ASSEMBLY OF A WEB FRAME

18 min. sound sh-c-trade-adult \$2.00

Presents in considerable detail the work of a shipfitter in sub-assembling a side frame. Views of a ship model, combined with animation, serve to show and explain the smooth tapering surface of a streamlined hull and the role of side frames in holding the ship in shape. A detailed explanation is given of the reversing of templates in laying off pairs of frames. Attention is called to the fact that where unusual pressure and strain are to be counteracted the web frame is used. (USOE)

Welding

So 196 HOW TO WELD ALUMINUM 35 min. sound trade-adult \$.25

Gas welding method, using either the oxyhydrogen flame or the oxyacetylene flame; use of fluxes, tacking the joints; arc welding; brazing by furnace and torch; spot welding. (USBM)

So 2774-So 2779 INSIDE OF ARC WELDING

6 reels sound sh-trade-adult

Each part is complete in itself a full color, sound production covering one particular phase of arc welding in full detail: (General Electric)

So 2774—Fundamentals

7 min. \$1.50

The four principal factors of good arc welding: (1) current setting, (2) angle of electrode, (3) arc length, and (4) speed of travel, with their effect on control of the molten pool, are clearly shown and explained in this reel. Using charts, animation, close-ups of the arc in action, as well as cross-sections

of good and bad welds, this reel shows how good welds are made and what happens when any of the four factors are correctly and incorrectly controlled.

So 2775—Flat Position 10 min. \$1.50

So 2776—Horizontal Position 11 min. \$1.50

Working with fillet and groove welds, these two films thoroughly cover differences in technique required when welding in these two positions, as well as ways and means to control arc blow.

So 2777—Alternating Current 10 min. \$1.50

This film is devoted to demonstrating how both the beginner and the veteran are enabled to use larger electrodes and to get higher speeds, increased deposition rates, and improved quality through minimized arc blow in alternating-current arc welding.

So 2778—Vertical Position 10 min. \$1.50

So 2779—Overhead Position 10 min. \$1.50

Again, working with fillet and groove welds and the four principles of good arc welding, these films serve as vivid, explanatory presentation of the do's and don'ts when welding in the vertical and overhead position.

161 MODERN METAL WORKING 15 min. silent sh-c-trade \$.25

Illustrates how acetylene, the fuel gas for the oxyacetylene flame, is produced by the chemical action of water and calcium carbide. Explains the construction and operation of oxyacetylene equipment. Shows oxyacetylene process in use. Illustrates value of oxyacetylene welding. (USBM)

So 2780 SHORT WHIP VERTICAL WELDING

7 min. sound sh-trade-adult \$1.50

MATHEMATICS

958 GEOMETRY *19 min. silent sh-adult \$1.25*

An attempt to show the connection between plane and solid geometry. Practical illustrations are given in order that the student will realize that the subject of Geometry does have practical application.

So 1946 RECTILINEAR COÖRDINATES *12 min. sound (1939) sh-c \$1.50*

Shows how a point moves and becomes a line. After explaining positive and negative numbers from coördinate positions, it branches out into tri-dimensional areas. Introduces the student to the basic ideas of analytical geometry in an interesting and fascinating manner. (McCrory Studios)

So 1950 SLIDE RULE, THE *25 min. sound sh-c \$2.00*

Explains in detail the C and D scales of the slide rule; the parts and markings of the rule, and shows how to use these scales for multiplication, division, and combinations of these two operations. (Castle)

So 1949 THE SLIDE RULE (Percentage, Proportion, Squares and Square Roots) *21 min. sh-c \$2.00*

Shows how to use the "B" and "C" scales of the slide rule to calculate proportions and percentages; how to calculate squares and square roots; and how to determine placing of decimals after the square root is extracted. Simple problems are used to illustrate the methods. (Castle Films, Inc.)

MUSIC

So 2507 ANCHORS AWEIGH

4 min. sound (1942) el-jh-sh-c-adult \$.25

Sung off screen by Conrad Thibault while stirring scenes of naval operations at sea are shown. The words of the song are superimposed upon picture background. (OWI)

So 1897 BRASS CHOIR, THE

10 min. sound (Excellent) (1937) (Guide) el-jh-sh-c-adult \$1.50

This picture presents the individual instruments of the brass choir—the cornet, trumpet, French horn, trombone, tuba, and their peculiar characteristics. Solo numbers represent the best compositions that have been prepared for the individual instruments. The ensemble gives a thrilling performance of the "March" and the "Pilgrims' Chorus" from Tanhauser by Wagner. (Erpi)

So 2509 CAISSONS GO ROLLING ALONG, THE

4 min. sound (1942) el-jh-sh-c-adult \$.25

This well known Field Artillery song is sung by Robert Weede while scenes of the field artillery in action make a stirring background. (OWI)

So 3026 CARRIE JACOBS BOND *9 min. sound (Good) el-jh-sh-c \$1.50*

A beautiful study of the life and songs of one of our greatest living women composers. At various points in the film Mrs. Bond's own songs are used to interpret stages in her life: "I Love You Truly," "Just A 'Wearying For You" and "When You Come to the End of A Perfect Day." Vocal solos by Ralph Kirverry, with pipe organ accompaniment. (Gutlohn)

So 3036 COMMUNITY SING NO. 6 *9 min. sound (1943) sh-c-adult \$1.50*

"Hi, Neighbor!"
 "Silver Threads Among the Gold"
 "Who Threw Overalls in Mrs. Murphy's Chowder"
 "When Goodfellows Get Together"
 "My Buddy"
 "Auld Lang Syne"

(Teaching Film Custodians)

So 3037 COMMUNITY SING NO. 10

9 min. sound (1943) sh-c-adult \$1.50

"Don't Sit Under the Apple Tree"
 "Somebody Else is Taking My Place"
 "Sweet Sue"
 "I Don't Want to Walk Without You, Baby"
 "There's Something About a Soldier."

(Teaching Film Custodians)

So 3029 DANCE OF THE HOURS

9 min. sound (Excellent) el-jh-sh \$1.50

Played to shifting scenes of great effectiveness. Quiet pools, sunlit at times, and splashed into tiny circles by pattering raindrops at others, rain washing leaves and trees, waterfalls cascading down sheer cliffs into roaring whirlpools, fields of grain tossed by a mighty wind and the dash of billowing surf on a stern and

rockbound coast keep the eye occupied with dramatic Nature in her myriad moods, while the ear listens to the varying changes of the colorful music. (Gutlohn)

- So 2508 KEEP 'EM ROLLING 4 min. sound (1942) el-jh-sh-c-adult \$.25
Jan Peerce sings the song against a kaleidoscopic background of scenes showing industrial war production. (OWI)

- So 3021 KENTUCKY JUBILEE SINGERS (1)
6 min. sound jh-sh-adult \$1.50
The following well-known spirituals and old plantation songs: "Old Kentucky Home," "Swing Low, Sweet Chariot," and "Great Morning," sung by this outstanding organization of negroes. (Gutlohn)

- So 3022 KENTUCKY JUBILEE SINGERS (2)
6 min. sound jh-sh-adult \$1.50
The following well-known spirituals and old plantation songs: "Deep River," "Carry Me Back To Old Virginny," and "All God's Chillun'," sung by this outstanding organization of negroes. (Gutlohn)

- So 2534 MARINE HYMN 5 min. sound (1942) sh-c-adult \$.25
Self-explanatory. (OWI)

- So 759 NEXT TIME WE SEE PARIS
10 min. sound jh-sh-c-adult \$.25
Musical one-reeler based on two French songs, "Si Tu Vas a Paris" (Next Time We See Paris) and "Sur les Quais du Vieux Paris" (On the Quays of Old Paris). Sung by Mme. Claude Alphan. (France Forever)

- So 1811 THE PERCUSSION GROUP 10 min. sound jh-sh-c (Guide) \$1.50
Demonstrates, with full orchestral accompaniment, the playing techniques of the tympani, tom tom, snare drum, bass drum, lambourine, cymbals, chimes, gong, castanets, traingle, bells, xylophone, and celesta. Musical reproductions include excerpts from Tschaikowsky's "Nutcracker Suite," his "Fourth Symphony" and his "Marche Slav"; Wagner's "Die Walküre," his "Tannhauser Overture," and Schubert's "Marche Militaire, Number One." (Encyclopaedia Britannica Films)

- So 1717 SCHUBERT'S "AVE MARIA" 8 min. sound el-jh-sh-c \$1.50
Elizabeth Schumann, the world renowned opera singer, here represents the piece de resistance of her repertoire. (Institutional Cinema)

- So 3033 SECOND HUNGARIAN RHAPSODY
11 min. sound jh-sh-c \$1.50
Played by the symphony orchestra of the Paris Conservatory of Music, directed by Professor Oscar Fried. (Gutlohn)

- So 2539 SEMPER PARATUS 4 min. sound (1943) sh-c-adult \$.25
Self-explanatory. (OWI)

- So 3035 SING, AMERICA 9 min. sound (1943) el-jh-sh-adult \$1.50
A chorus sings several well-known songs and the audience is invited to sing with them as the words appear at the bottom of

the screen. Songs included are: "The Band Played On," "Bicycle Built for Two," "Oh, Susannah," "Home on the Range," "Love's Old Sweet Song," and, finally "America, the Beautiful."

- So 3027 STEPHEN FOSTER *9 min. sound el-jh-sh-c \$1.50*

The songs of the American composer are sung during the action of an appropriate playlet. Nancy McCord, John Huntley, and the Plantation Singers render: "Uncle Ned," "My Old Kentucky Home," "Oh, Susannah," and "Old Black Joe." (Gutlohn)

- So 1917 STRING CHOIR, THE *10 min. sound (Good) (1937) (Guide) el-jh-sh-c \$1.50*

Portrays the wide variety of musical moods and effects conveyed by stringed instruments and thus demonstrates the reason for their bearing the brunt of orchestral interpretations. Reveals the various techniques of performance of stringed instruments from the most advantageous position possible. (Erpi)

- So 1836 SYMPHONY ORCHESTRA, THE *10 min. sound (1938) (Guide) jh-sh-c \$1.50*

Two Wagnerian compositions are featured in the "Ride of the Valkyries" and the Prelude to Act III of "Lohengrin." The work of the conductor, Mr. Howard Barlow, is caught by unique camera angles as he interprets these brilliant scores and through his orchestra of Philharmonic players brings this interpretation into sound. (Erpi)

- So 3039 VALSE BRILLANTE *4 min. sound sh-c-adult \$.75*

With Alexander Brailowsky, a great pianist of our day, in a masterly rendition of Chopin's composition. (Institutional Cinema)

- So 3034 WALTER DAMROSCH *9 min. sound (Excellent) (1937) sh-c-adult \$1.50*

Walter Damrosch explains how to begin a study of music, setting the example with his own grandchildren. We see and hear him broadcasting the scherzo from a symphony by Glazounow. (Gutlohn)

- So 1810 WOODWIND CHOIR *10 min. sound (Guide) jh-sh-c \$1.50*

Demonstrates the individual tone quality of the various woodwind instruments and illustrates playing techniques. Compositions include excerpts from the Third Movement of Brahms' First Symphony, the Scherzo from Mendelssohn's "Midsummer Night's Dream," Rossini's "William Tell" overture, Von Weber's "Der Freischutz," Beethoven's Third Symphony, a Schumann Piano concerto, and the Second Movement of Brahms' Fourth Symphony. (Encyclopaedia Britannica Films)

- So 363 YOUTH BUILDS A SYMPHONY *25 min. sound (Color) (Good) (1943) jh-sh-c \$.25*

Illustrates progressive steps by which a young orchestra masters a symphony a week: Sight-reading, section rehearsals directed by leading symphony artists, try-outs for seats in sections, recording and finished performance of Howard Hanson's "Romantic Symphony," conducted by the composer. (National Music Camp, Michigan)

PHYSICAL SCIENCE

Astronomy

- So 3071 CELESTIAL NAVIGATION
15 min. sound (Technical) (1943) sh-c-adult \$2.00
Film deals with the basic principles of the location of points on the celestial sphere.
- So 3074 CELESTIAL NAVIGATION: POSITION FINDING ON THE EARTH
14 min. sound sh-c \$1.50
Discusses geographical position, Greenwich hour angle, local hour angle, relationship of hour angle to longitude, zenith distance and its relationship to altitude, circle of position, line of position, fix, relation of assumed to actual position and intercept. (Castle Films)
- So 43 CLOUDS *9 min. sound (Technical) (1939) jh-sh-c-adult \$.25*
The various types of clouds are shown, and the movement of high and low pressure areas across the country is described. Weather forecasting as the result of the cloud study is discussed. (USDA)
- So 1870 EARTH IN MOTION, THE
10 min. sound (Technical) (Guide) jh-sh-c \$1.50
Presents the dynamic aspects of the earth as a planet. The earth's sphericity is demonstrated, while rotation is established by star trails and the Foucault pendulum. Proof of the earth's revolution about the sun is presented by motion of the sun in respect to stars and by the annual parallax of stars, concluding with phenomena associated with this revolution. (Erpi)
- So 2004 EXPLORING THE UNIVERSE *10 min. jh-sh-c \$1.50*
Demonstrates the principles and construction of telescopes. Shows by animation the binaries, trinaires, the variables and why they vary, galaxies and galactic rotation. Shows also what will happen to the Big Dipper in 100,000 years and the theory of the expanding universe. (Encyclopaedia Britannica Films, Inc.)
- 912 MILKY WAY *13 min. silent (Fair) sh-c-adult \$1.00*
An imaginary trip in a space-ship, by Jupiter and Saturn, out through the Milky Way into space beyond our galaxy.
- 915 MOON, A MOTION PICTURE JOURNEY TO THE
14 min. silent (Good) sh-c-adult \$1.00
Includes a panoramic picture of sunrise and sunset phenomena in lunar craters, and an occultation of the Delta Capricorni by the moon.
- So 1872 MOON, THE *10 min. sound (Guide) jh-sh-c \$.50*
The technique of animation and other cinematic devices present the story of the moon. The difficult concept of tides is explained, as are the phases of the moon. Other lunar phenomena explained by special cinematography and animation are: the moon's orbit; the lunar month; sunrise and sunset on the moon; occultation of stars; the moon's path in space; lunar eclipses; and solar eclipses with special reference to the eclipse of 1932. (Erpi)

So 1871 SOLAR FAMILY, THE

10 min. sound (Technical) (Guide) jh-sh-c \$1.50

The evolution of the solar system revealed according to the planetesimal hypothesis is followed by a portrayal of the real and apparent motion of the planets. Among the special phenomena presented are: the phases of Venus; retrograde motion of Mars, Jupiter and its satellites; and the apparent motion of Saturn's rings; orbits of the planetoids, Eros and Anteros; orbit of Halley's comet; and the motion of the solar system in space. (Erpi)

940 SUN AND ITS INFLUENCES, THE

13 min. silent (Excellent) sh-c-adult \$1.00

A thorough study of the sun is presented in a series of unusual episodes. The nature of the sun is first investigated. Then we see: Sun spots and their effects, the cause and nature of an eclipse, the corona seen at that time, solar prominences, and more.

So 3023 TIDAL THEORY OF THE EARTH'S AND MOON'S CREATION

12 min. sound (Excellent) jh-sh-c \$1.50

A graphic description of the earth's evolution with animated drawings showing this evolution according to the tidal theory as compared to the outworn nebular hypothesis. Includes a series of close-up pictures of the moon, taken at the McMath-Hulbert Observatory. (Gutlohn)

Chemistry

So 1185 ANTI-FREEZE: STORY OF SCIENTIFIC RESEARCH

15 min. sound sh-c-adult \$.25

Problem of making a good anti-freeze; also the qualities necessary for a good anti-freeze for automobiles. (J. M. Mathes, Inc.)

So 1864 CATALYSIS

10 min. sound jh-sh-c \$1.50

Presents explanations of several phenomena associated with catalysis,—among them: concentration by absorption, activation by absorption, intermediate compounds, in a homogeneous mixture, chain reactions, breaking of reaction chains, poisoning of catalysis, and negative catalysts or inhibitors. The practical applications used as a basis for explanations are rubber manufacturing and anti-knock gasoline. (Erpi)

So 2001 CHEMISTRY AND A CHANGING WORLD

11 min. jh-sh-c \$1.50

Directs attention to the significant role which chemistry plays in our modern world. Traces the steps by which a new chemical product is produced from electric furnace phosphorus. Portrayals of the work of research chemists and chemical engineers from the inception of the idea to the multiple uses of the completed product provide stimulating vocational information. (Encyclopaedia Britannica Films, Inc.)

991 CHEMISTRY OF A MATCH 10 min. silent jh-sh-adult \$1.00

How chemical problems involved in producing matches for the last 150 years have been met.

- 992 CHEMISTRY OF COMBUSTION 8 min. silent *jh-sh-c* \$1.00
A series of chemical experiments in the phenomena of oxidation and combustion too dangerous for performance in the average laboratory.
- So 1890 COLLOIDS 10 min. sound (*Guide*) *sh-c-adult* \$1.50
Deals with a definition of the colloidal state in terms of particle size, with factors which prevent particle growth, and with some methods of coagulation of colloids. The limits of particle size are described in terms of phenomena (filtration, sedimentation, and Tyndall effect) explanations are given in terms of experimental illustrations and animation. The Tyndall effect, Brownian movement, cataphoresis, and the Cottrell process are demonstrated. (Encyclopaedia Britannica Films)
- So 1863 ELECTROCHEMISTRY 10 min. sound (*Technical Guide*) *jh-sh-c* \$1.50
The abstract concepts of electrochemistry are made clear by cinematic techniques. The electrolytic decomposition of hydrogen chloride is followed by the production of electric current from the action of chlorine and hydrogen on platinum. An explanation of the storage battery integrates both processes. Electroplating illustrates participation of electrodes; electro-refining illustrates preferential discharge; and electrolysis of sodium chloride to yield caustic soda illustrates participation of the solvent. The production of aluminum from a molten electrolyte concludes the subject. (Erpi)
- So 1277 FASHION'S FAVORITES 30 min. sound *sh-trade-adult* \$.25
A detailed story of the manufacture of cellulose acetate and of viscose rayon. Complete factory scenes and many laboratory tests are shown. (Dupont Rayon Division)
- So 1292 GRASS AND FARM CHEMURGY 24 min. sound *jh-sh-c-adult* \$.25
The manufacture of plastics and other synthetics from potatoes, soybeans, etc. (Allis-Chalmers)
- 692 GUARDIAN OF THE HOME 11 min. silent *jh-sh-adult* \$.25
A chemical film on the antiseptic Dioxygen. (Consolidated Films, Inc.)
- 980 INVISIBLE FORCES; MAGNETISM AND ELECTRONS; KALEIDOSCOPE, THE 9 min. silent *jh-sh-adult* \$.75
Capillary attraction and surface tension of liquids is demonstrated. Splendid demonstrations of elementary physics. Shows the many symmetrical figures reproduced in the kaleidoscope.
- So 1152 MARVEL OF GASOLINE CHEMISTRY, A 17 min. sound *sh-c-trade-adult* \$.25
Covers the refining of Nu-Blue motor fuel—the catalytic process. (Sun Oil Co.)
- So 1283 MODERN METHODS OF PAINT PRODUCTION 25 min. sound *jh-sh-adult* \$.25
Production of paint; test and uses of various paints. (Continental Paint & Varnish Co.)

So 1862 MOLECULAR THEORY OF MATTER

10 min. sound (Guide) jh-sh-c \$1.50

Evidence of molecular activity in gases, liquids, and solids is presented in support of the molecular theory of matter. Animated drawings explain such phenomena as the diffusion of gases, the evaporation of liquids, and the transformation of liquids into solids, in terms of the theory. Among the features of the film are the machine-gun illustrations of the force exerted by molecules in motion, and the microscopic view of the Brownian movement. (Erpi)

So 1891 OXIDATION AND REDUCTION

10 min. sound (Guide) jh-sh-c \$1.50

The simultaneous process of oxidation and reduction is presented first by burning phosphorous and rusting iron under experimental conditions. Mercury rust is then decomposed to discover the component of air responsible for oxidation. Other examples of oxidation and oxidizing agents follow. The process of reduction is strikingly presented in the operation of the blast furnace, magnesium burning in dry ice, and thermite welding. Illustrates every-day examples of oxidation and reduction. (Erpi)

So 1286 RAYON—A CHAPTER IN AMERICA'S PROGRESS

25 min. sound jh-sh-trade-adult \$.25

A comprehensive insight of the rayon industry by means of inspection tours through some of the large plants of the American Viscose Corporation. (American Viscose Corporation)

So 345 SCIENCE SAVES THE SURFACE

20 min. sound jh-sh-adult \$.25

The story of man's war against the elements for the protection and preservation of his property. Dramatizes the role of science in increasing the durability of paints, varnishes, and enamels by replacing natural gums with Bakelite synthetic resins. Describes all types of finishes. (Pathescope Company)

So 311 SYNTHETIC RUBBER

21 min. sound (1944) jh-sh-adult-trade \$.25

Opening scenes show chemist in the lab in search of a material having the same composition as natural rubber. The characteristics of natural rubber and synthetic rubber are compared. The commercial uses of natural rubber were the result of the discovery by Charles Goodyear of the secret of vulcanization. Two most important types of synthetic rubber are compared. Closing scenes show by animation the effect of a bullet passing through a rubber-lined gas tank, and we learn of future objectives of the scientist in perfecting synthetic rubber. (USBM)

So 1154 A THIN FILM OF PAINT *35 min. sound jh-sh-adult-trade \$.25*

Thickness of paint; components of paint; painting tests; equipment painters use. (E. I. Dupont)

So 2026 VELOCITY OF CHEMICAL REACTIONS *10 min. sh-c \$1.50*

The influence of temperature and the nature of reactants; molecular changes. Catalysis and its practical significance. Reversible reactions and chemical equilibrium. Industrial applications of reaction processes. (Encyclopaedia Britannica Films, Inc.)

Communication

- So 1167 **AIR WAVES** 9 min. sound (Guide) el-jh-sh-c-trade-adult \$.25
Tells the spectacular and entertaining story of radio broadcasting, beginning with scenes of its earliest formative stages and developing up to its present-day advanced status. Tour through Radio City. (Wm. J. Ganz Co.)
- So 1233 **COMMUNICATIONS, NEWS AND VIEWS** 10 min. sound jh-sh-c \$.25
Sequences on: vacuum tube used in radio telephone service; TWX switchboard which connects thousands of teletypewriter machines; and radio telephone antennas. (Southwestern Bell Telephone)
- So 2003 **THE DEVELOPMENT OF COMMUNICATION** 11 min. jh-sh \$1.50
Describes the need for more rapid communication during the pre-electric age. Inventions which made possible instantaneous communications—the battery, ground connection, electromagnet, telephone, telegraph, cable, wireless, and radio are depicted in challenging settings. Montage effects enhance historic features. (Encyclopaedia Britannica Films, Inc.)
- So 1235 **LIFE BEGINS AGAIN** 13 min. sound jh-sh-c-adult \$.25
Use of the Audiometer and Audiophone in schools. Story form. (Southwestern Bell Telephone)
- So 1237 **LOOKING INTO METALS** 10 min. sound jh-sh-c \$.25
A commendation on the new metallographic microscope, the use of cotton yarn as insulating material, and the construction of a telephone cable. (Southwestern Bell Telephone)
- 681 **MAN MADE MIRACLES** 10 min. silent jh-sh-c \$.25
Showing how the heart of a radio set is made. Dedicated to all small boys from six to sixty. (RCA Radiotron Co.)
- So 1230 **NETWORK BROADCASTING** 10 min. sound jh-sh-c \$.25
Do you know the men and materials that make possible network broadcasting? Here they are in detail. (Southwestern Bell Telephone)
- 901 **STUDIES ABOUT COMMUNICATION** 8 min. silent el-jh \$1.00
Forty school children in class and activity groups, working on wireless and telegraph, radio, printing press and newspaper, carrying the mail, flag signals, signs and symbols, ancient writing methods, etc.
- So 1238 **UNDERWATER CABLE, AN** 10 min. sound jh-sh-c \$.25
A presentation of the three developments in telephony: an underwater cable; emergency radio telephone; and telephones on wheels. (Southwestern Bell Telephone)
- So 1239 **VOICE OF THE CITY, THE** 10 min. sound jh-sh-c \$.25
Depicts the every-day activity in New York in the metropolitan area surrounding the city. A tour is made through one of the New York central telephone offices, with a musical accompaniment by an orchestra under the direction of Edwin Ludwig. (Southwestern Bell Telephone)

- So 1234 VOICES IN PAPER *10 min. sound jh-sh-c \$.25*
 Manufacture and use of modern telephone cable. Effective contrasts drawn between the old and new methods of manufacture, and the stringing of wires in the city. (Southwestern Bell Telephone)
- So 1232 VOICES IN THE AIR *10 min. sound jh-sh-c \$.25*
 Travelogue with scenes from Europe, South America, Hawaii, and Japan with animation to illustrate transoceanic service. (Southwestern Bell Telephone)

Geology

- 926 EARTHQUAKES *11 min. silent jh-sh-c \$1.00*
 Damage of the great Japanese earthquake; the quake at Santa Barbara; tectonic earthquakes; rocks and how they are elastic; seismographs for detecting earth shocks; methods of recording earthquakes. (Films of Commerce)
- So 1899 EARTH'S ROCKY CRUST *11 min. sound (Guide) jh-sh-c \$1.50*
 Presents physiography in its dynamic aspects, and aims to show that the same forces which have shaped the earth as it is today are still at work further changing it. In the slower processes, this effect is obtained by the use of models and diagrams, which show a thousand-year process taking place in a few seconds. The part the Water Cycle plays in shaping the earth is emphasized. (Erpi)
- So 3024 EVOLUTION *25 min. sound jh-sh-c \$2.50*
 Presentation of theories of the origin and development of the earth and its living inhabitants. Shows planets, formation of mountains, rivers, and prehistoric animal forms. (Gutlohn)
- So 2008 GEOLOGICAL WORK OF ICE *11 min. jh-sh-c \$1.50*
 Considers gradational work of ice in fracturing of rock in freezing weather. By means of animation gives the story of glaciers showing advances and retreats of vast continental glaciers of our continent in past geological ages. (Encyclopaedia Britannica Films, Inc.)
- So 1866 GROUND WATER *11 min. sound (Guide) jh-sh-c \$1.50*
 Story of ground water . . . indicates its importance in changing the crust of the earth, its part in producing spectacular geological phenomena, and its direct significance to mankind. Brings to attention many phenomena that take place constantly below the surface of the earth, often without making themselves known. Artesian systems, springs, water tables, caves, wells, and artesian wells are explained by animation and illustrated photographically. (Erpi)
- So 1868 MOUNTAIN BUILDING *11 min. sound (Guide) sh-c \$1.50*
 Reenacts significant events in geological history pertaining to mountains and movements of the earth's crust. Shows the subsidence of the mouth of the Hudson River to form the present harbor of New York; the events that have preceded in the story of the Appalachian Mountains; and the story of the famous and spectacular Lewis Overthrust in the Rocky Mountains. (Erpi)

- So 1821 MYSTERIES OF WATER, THE 10 min. sound *jh-sh-c* \$1.50
 This film opens by showing the chemical composition of water and uses of the gases that make up the compound. The remainder of the film is divided into three illustrated parts as follows: water is life, water is power, and water is nature's sculptor. Contains excellent animation of the water cycle. (Knowledge Builders)
- So 2017 OUR EARTH 10 min. *jh-sh* \$1.50
 Provides an introduction to the study of world geography. This broad general objective is accomplished by observing the effect of oceans and ocean currents, types of coast lines and harbors, rivers, lakes, valleys, plains, plateaus, and mountains. In every case the climatic and other influences of these physical phenomena are depicted in relation to the human element. (Encyclopaedia Britannica Films, Inc.)
- 787 PURIFYING WATER 10 min. silent (Guide) *jh-sh-c* \$1.00
 Lake water, the "crib," animation of operation of "crib," the pumping station. Removing sediment, settling tanks and animation showing operation, action of aluminum sulphate, sand and gravel filters, animation showing action, a filtration plant, cleaning sand, how water is contaminated, a safe well. Disinfecting water, chlorination plant, animation showing action of chlorine. Testing water, bacteriological laboratory, how tests are made.
- 1502 STUDY OF A MOUNTAIN GLACIER 10 min. silent *el-jh-sh-c* \$1.00
 Dr. W. W. Atwood using a blackboard shows how a glacier begins and grows. Scenics follow each point, showing parallel stages in glacier formation today. The glacier is shown reaching the sea, where the ends break off and float away as icebergs. (SVE)
- 925 VOLCANOES; MOUNT ETNA ON FIRE 12 min. silent *jh-sh-c-adult* \$1.00
 Shows volcanoes having explosive eruptions; products of volcanoes and life history of a volcanic cone. Subjects include Hawaiian volcanoes, the Palisades, a South American volcano, Mt. Vesuvius, and Mt. Lassen. Graphic pictorial account of volcanic eruption.
- So 1869 VOLCANOES IN ACTION 10 min. sound (Guide) *jh-sh-c* \$1.50
 Presents, by photography, evidences of past volcanic action. Explains many of the more important phenomena of volcanism such as dikes; batholiths; sills; laccoliths; metamorphism; and products of volcanism including lava, cinder and ash; types of volcanic cones; and the distribution of active and inactive volcanoes throughout the world. (Erpi)
- So 1896 WEARING AWAY OF THE LAND 11 min. sound (Guide) *jh-sh-c* \$1.50
 How rocks are decomposed; how caves and sink holes are made; and how glaciers are formed and the work they do; how blowing sand erodes the surface of the earth; and how the waves are reshaping the coast line. (Erpi)

So 1900 WORK OF RUNNING WATER

11 min. sound (Guide) jh-sh-c \$1.50

The activities of the most effective agent of erosion—running water—is displayed and analyzed. Models and scenes from all parts of the world show how running water wears away the land. Illustrates stream deposits by including a complete sequence on the formation of deltas and flood plains. (Erpi)

So 1867 WORK OF THE ATMOSPHERE, THE

11 min. sound (Guide) jh-sh-c \$1.50

Shows how the atmosphere plays a part in altering the earth's surface through the disintegration of rocks, erosive action of wind and sandblast action on rocks and trees. It shows the formation of rain and how the atmosphere works with surface water, how it is necesasry to the formation of soil, and, in fact, for life. (Erpi)

So 1865 WORK OF THE RIVERS, THE

11 min. sound (Guide) jh-sh-c \$1.50

The erosion cycle of water on the earth's surface; cycle of a river from its very beginning to old age. Special features as Niagara Falls, deltas, meanders, ox-bow lakes, rejuvenated rivers, lakes, water gaps, and sand bars are explained. (Erpi)

Meteorology

So 18 FLOOD WEATHER

27 min. sound jh-sh-c \$.25

Weather forecasting for river navigation and flood protection. Scenes of the Ohio and Potomac River floods. (USDA)

So 3070 MODERN WEATHER—THEORY AND STRUCTURES OF STORMS

17 min. sound sh-c \$2.00

Deals with the circulation of the atmosphere which creates the prevailing winds. (Castle)

So 3014 PROPHET WITHOUT HONOR 11 min. sound sh-c-adult \$1.50

"Prophet Without Honor" opens with a view of the Hall of Fame wherein are the busts of seventy-two honored Americans. The scene shifts to 1825 with young Maury as a midshipman, at sea. Meeting with an accident and becoming crippled for life, and unfit for active service, he is transferred to a bureau. There he eventually maps out a chart of the ocean's behavior regarding currents and wind directions. News comes to a shipowner that one of his vessels is reported rudderless and all aboard are feared lost. Maury charts its probable position and sets forth to seek it. It is found, and recognition of his work comes to him. The father of the U. S. Weather Bureau, the whole world honored Maury and he became the most decorated man in American history. (Teaching Film Custodians)

So 1925 WEATHER, THE

11 min. sound (1942) (Guide) jh-sh-c-adult \$1.50

Explains the Polar Front weather theory and describes meteorological instruments and methods, including thermometers, barometers, anemometers, pilot balloons, and radiosound equipment. Animated photography portrays solar radiation, atmospheric circulation, and cyclone wave phenomena. Cloud formations are also shown and their significance interpreted. (Erpi)

- So 3076 WEATHER THEORY—CHARACTERISTICS OF ATMOSPHERIC WAVES *13 min. sound jh-sh-c \$2.25*
Describes the restoration of equilibrium in the atmosphere by outbreaks and surges from polar front, development of warm and cold fronts and occluded fronts and the progress of a typical atmospheric wave. (Castle Films)

Physics

Electricity and Magnetism

- So 1704 COILS AND ELECTRIC CURRENTS *10 min. sound (1942) jh-sh-adult \$1.50*
Nature of the field of force about a current-carrying wire; theory of solenoids and electro-magnets; induction coils, electric motors. (Institutional Cinema)
- 506 ELECTRICITY, CHEMICAL EFFECTS OF *12 min. silent jh-sh-c \$1.00*
Volta working in his laboratory. Electric batteries, making dry cells, making storage batteries. Electrolysis, Hoffman apparatus, animation of electrolysis. Electroplating, plating a radiator, electrotyping. Metallurgy, making copper anodes, producing pure copper, producing aluminum from bauxite by electrolysis. (Eastman)
- 507 ELECTRICITY, MAGNETIC EFFECTS OF *12 min. silent jh-sh-c \$1.00*
Magnetism and magnetic induction, with their applications to the electromagnet, the electric bell, the ammeter, the voltmeter, and the motor—the theory of permanent magnetism—an explanation of terrestrial magnetism. (Eastman)
- So 1857 ELECTRODYNAMICS *10 min. sound (Guide) jh-sh-c \$1.50*
The fundamental principles of current electricity and electromagnetism are presented. Among the concepts presented are: Galvani's discovery of current electricity; magnetic field about a current-carrying wire; magnetic field of a coil; electromagnets; Rowland's experiment; magnetic hypothesis; recalcence; induction by a magnet; A.C. generator; D.C. generator; induction by an electric current; and transformers. (Erpi)
- So 1803 ELECTRO-MAGNETIC INDUCTION *11 min. sound jh-sh-c \$1.50*
Practical applications. Electro-magnetic induction. Transformers. (De Vry)
- So 1807 ELECTRONS *10 min. sound (Guide) jh-sh-c-adult \$1.50*
By photography and animation, the hypothesis that electricity consists of unit elementary charges is supported by observation of phenomena associated with the conduction of electricity in liquids, gases, and vacuum. The following phenomena and principles are explained: Faraday's laws; valence; Millikan's oil drop experiment; the principles of vacuum tubes; Edison effect; photoelectric cells; reproducing sound on film; and the determination of the electron's mass. (Encyclopaedia Britannica Films)

So 1340 ELECTRONS ON PARADE

17 min. sound (Guide) sh-c-adult-trade \$.25

Shows the construction of a power tube. Explains the different uses of this tube; such as its being the magic behind the radio dial, the beam for airplanes during blind flying, etc. (Wm. J. Ganz Co.)

So 1806 ELECTROSTATICS *10 min. sound (Guide) jh-sh-c-adult \$1.50*

Explains how positive and negative electrification are produced. Animated drawings show the part played by insulators and conductors. Natural photography supplemented by animation gives a remarkable exposition of the movement of charges in the electroscope, the Compton electrometer, the static machine, and Nature's display of static electricity—lightning. The theory of lightning arresters is depicted with reference to building protection. (Encyclopaedia Britannica Films)

So 1308 EXCURSIONS IN SCIENCE No. 1

10 min. sound jh-sh-c-trade-adult \$.25

Gives an excellent illustration of elementary principles of magnetism. Shows how the affinity that different oils have for water and shows how the photo-cell is based upon the principle of the simple radiometer. (General Electric)

So 1309 EXCURSIONS IN SCIENCE No. 2

11 min. sound jh-sh-c-adult-trade \$.25

Illustrates the impractical though very interesting magnetic gears. It also shows practical application of the use of the photo-electric cell in the photo-sorter. Details of the construction of electric light bulbs are shown. (General Electric)

So 1310 EXCURSIONS IN SCIENCE No. 3

11 min. sound jh-sh-c-trade-adult \$.25

Presents two stories dealing with magnetism: one on the effect of strong magnets on weak magnets, and the electron theory of magnetism; the other, the effect of cold and heat on the Curie metal used in control devices with alnico magnets. (General Electric)

So 1311 EXCURSIONS IN SCIENCE No. 4

10 min. sound jh-sh-c-trade-adult \$.25

Demonstrates the electric eye or phototube. Shows how the phototube controls drinking fountains, registers, camera finishes at race tracks, operates doors of office buildings, etc. Also explains how the phototube makes sound movies possible. (General Electric)

So 1312 EXCURSIONS IN SCIENCE No. 5

10 min. sound jh-sh-c-trade-adult \$.25

Illustrates the odd phenomena produced in the modern science laboratory. High lights deal with liquid air, magnetic thickness gauges, and the cathode-ray oscillograph. (General Electric)

So 1313 EXPLORING WITH X-RAYS

40 min. sound general public \$.25

Offers an idea of the scope of the use of X-rays and to inform us of its potentialities. (General Electric)

So 1808 HOME ELECTRICAL APPLIANCES

11 min. sound (Guide) *jh-sh-c-adult* \$1.50

After a description of house circuits, the film explains common heating and motor appliances in the home. The animated drawings illustrate alternating currents throughout. Scientific principles are stressed in connection with the thermostatic controls, fluorescent lighting, and electric refrigeration. Maintenance and care are stressed in connection with the electric iron and the motor of the vacuum cleaner. This is a timely subject in connection with the conservation of equipment during the emergency. (Encyclopaedia Britannica Films)

505 INDUCED CURRENT

12 min. silent *jh-sh-c* \$1.00

Through the combination of photography and graphic animation, this film helps materially in teaching the difficult topics of armatures, commutators, collector rings, telephones, and mutual and self-induction. (Eastman)

So 1976 LIGHT WAVES AND THEIR USES

10 min. sound (Guide) *jh-sh-c* \$1.50

This elementary presentation of light includes an explanation of the principles of reflection with plane, concave, and convex mirrors. Refraction is presented in connection with lenses and with special reference to the human eye. The principles and applications of interference are portrayed. This is followed by sequences on polar screens, the electromagnetic spectrum, and the quantum theory. (Encyclopaedia Britannica Films)

So 1315 MODERN ZEUS, A

10 min. sound *jh-sh-c-adult* \$.25

Man conquers lightning. The destructive force of natural lightning and the protective devices that have been built to provide protection against it. Demonstrations with artificial lightning. (General Electric)

So 1802 PRINCIPLES OF ELECTRO-MAGNETISM

8 min. sound (1938) (Technical) *sh-c-adult* \$1.50

Electromagnetic phenomena; relationship between current and magnetic fields; coils and solenoids; practical applications; electromagnetic induction; transformers. (DeVry)

So 1800 PRINCIPLES OF MAGNETISM

7 min. sound (1938) (Technical) *sh-c-adult* \$1.50

Polarity; lines of force; reluctance and permeability; magnetic induction; uses of magnets; molecular theory of magnetization; terrestrial magnetism. (DeVry)

So 1805 RADIO RECEIVERS: PRINCIPLES OF RADIO RECEIVERS

18 min. sound *jh-sh-c* \$1.50

Portrays the principles and workings of typical radio receivers including crystal and tube detectors, radio and audio frequency amplification, and the superheterodyne circuit. (Castle Films)

So 1975 RECEIVING RADIO MESSAGES

11 min. sound (Guide) *jh-sh-c-trade-adult* \$1.50

Animated drawings make clear the principles of a radio receiver. Explains the problem of tuning; the capacity of the variable condenser, the inductance of the coil and resonance. Demonstrates

the need of detection and how it is achieved by a crystal. The operation of the earphone is explained together with the production of audible sound waves. (Encyclopaedia Britannica Films)

So 1974 SENDING RADIO MESSAGES

10 min. sound (Guide) sh-c-trade-adult \$1.50

Operation of the following units is explained: the microphone, the transformer and the modulator. Fundamental concepts are explained, as for example: sound waves, direct currents, alternating currents, voice current, carrier wave, and amplification. (Encyclopaedia Britannica Films)

100 STORY OF A STORAGE BATTERY

18 min. silent jh-sh \$.25

Reel 1 shows the historical development of the storage battery, and the various steps in its manufacture.

Reel 2 shows the various ways in which the battery is tested, sealed, and packed. Animated drawings visualize action in battery during charging and discharging. (USBM)

So 1168 TELEVISION 8 min. sound (Guide) jh-sh-c-trade-adult \$.25

Opens with scenes of experiments in the laboratory and moves into a sequence on television reception in the home. Details of broadcasting from the NBC Television Studios. (Wm. J. Ganz Co.)

So 1296 UNSEEN WORLDS 11 min. sound (Guide) sh-c-adult \$.25

Explains the intricacies of the newly developed electron microscope. (Wm. J. Ganz Co.)

So 1804 VACUUM TUBES: ELECTRON THEORY AND THE DIODE TUBE 16 min. sound jh-sh-c \$1.50

Explains electron behavior in matter, electron sources in vacuum tubes, symbols of tubes, functioning of tube in a circuit, effect of plate voltage changes, space charge, and diode and du-diode as reflectors. (Castle Films)

So 1318 WEST LYNN 29 min. sound jh-sh-c \$.25

The story of the watt-hour meter, one of the most accurate measuring devices in existence. How precision instruments are made in mass production. (General Electric)

Energy

So 1903 ENERGY AND ITS TRANSFORMATIONS

11 min. sound (Guide) (Technical) jh-sh-c \$1.50

Potential, kinetic, and radiant energy, as manifested in mechanical, chemical, and thermal form, are illustrated and explained. The principle of conservation of energy, and the concepts "power" and "work" are demonstrated in experiments. Film closes with a review of present and future sources of energy. (Erpi)

Heat

So 1860 DISTRIBUTING HEAT ENERGY

11 min. sound (1938) (Guide) jh-sh-c \$1.50

The first sequence deals with different kinds of heat sources—coal, oil, gas, electricity, and wood. A second sequence demon-

strates how furnace fuels are burned in coal, oil, and gas furnaces. The third sequence treats the development of home heating from the colonial fireplace to the modern steam radiator. In the fourth sequence the mechanics of heat transfer by conduction, by convection, and by radiation are presented. (Erpi)

- So 1859 FUELS AND HEAT 11 min. sound (1938) (Guide) jh-sh-c \$1.50
Explains the role of carbon in fuels, the manufacture and storage of carbohydrates by plants, the way in which coal and oil were produced by nature, and how man extracts them; the process of combustion; relation of heat to temperature; operations of both steam and internal-combustion engines. (Erpi)
- So 192 HEAT AND ITS CONTROL 17 min. sound jh-sh-trade \$.25
Emphasizes value of heat in accomplishing most of the world's work, and its control by insulation. (USBM)
- So 193 STORY OF ROCK WOOL HOME INSULATION 22 min. sound sh-trade-adult \$.25
Description of the methods of proper insulation and the ways in which it influences the happiness of family life. Explanation of the circulation of heat and causes of drafts. (USBM)
- So 1861 THERMODYNAMICS 11 min. sound (1938) (Guide) sh-c \$1.50
Sequences deal with selected heat phenomena in advanced form. Molecular action in heat transfer, phenomena of combustion, mechanics of the steam engine, steam turbine, automobile, and Diesel engines are explained in detail. Also explains the first and second laws of thermodynamics. (Erpi)

Light

- So 1307 CURVES OF COLOR 10 min. sound sh-c-adult \$.25
A drab, cold winter world is transformed by the coming of spring and a warmer sun into a beautiful world of color. Shows how science has probed into this world of color by means of the recording photoelectric spectrophotometer, or color analyzer. (General Electric)
- 351 GLASS MAGIC 25 min. silent jh-sh-adult \$.25
The manufacture of spectacle lenses. (Bausch & Lomb Optical Company)
- 956 LIGHT OF A RACE, THE 9 min. silent jh-sh-c \$1.00
A historical account of artificial illumination which depicts, in successive scenes, the use of the flint, stick and groove, drill, and match to obtain fire; and the use of the torch, stone lamp, candle, oil lamp, gas lamp, and incandescent lamp as sources of light.

Mechanics

- 942 COMPRESSED AIR 10 min. silent (Guide) jh-sh-c \$1.00
Demonstrates the principles underlying the compression of air, and its practical application to the Bessemer converter, railway air brakes, air-driven tools, and the fire engine. (Eastman)

So 186 DIESEL: THE MODERN POWER

15 min. sound jh-sh-trade-adult \$.25

Opens with a sequence of animation showing the fundamental principles of the Diesel engine. Explains in a clear, concise manner the operations of this form of power. Shows its many uses in powerhouses, streamlined trains, dutiful switching engines, boats, and other varied uses. (General Motors, Inc., and USBM)

So 1858 SIMPLE MACHINES

11 min. sound (1942) (Guide) jh-sh-c-adult \$1.50

Shows the basic features of the lever, the inclined plane, the wedge, the pulley, and the screw. Applications of these devices to modern complex machines are demonstrated. The evolution of the machine and its part in the contemporary civilization is indicated also. (Erpi)

So 1294 TRANSFER OF POWER

18 min. sound jh-sh-c-trade \$.25

Explains the history and function of the gear wheel. (British Library of Information)

Sound

So 1893 FUNDAMENTALS OF ACOUSTICS

12 min. sound (Guide) jh-sh \$1.50

The phenomenon of hearing and the modification of sound between the source and the hearer are emphasized. The specific elements explained or demonstrated are velocity of sound, refraction, range of hearing, lower intensity, attenuation in air, eliminating high and low frequency, reverberation and focussing of sound. Extensive use is made of animation and sound effects. Indicates advances in communication which have resulted from combining our knowledge of sound and of electricity. (Erpi)

So 1195 HOW MOTION PICTURES MOVE AND TALK

10 min. sound jh-sh-c-trade-adult \$.25

Progress of a movie in the making; sound recording made visible by animation and straight photography. (Bell and Howell)

So 1809 SOUND RECORDING AND REPRODUCTION

10 min. sound (Guide) jh-sh-c-adult \$1.50

Explains the mechanics of "sound-on-film." Shows how the microphone transforms the kinetic energy of air waves into electrical energy; and how fluctuations in electric current are caused to operate a photographic light valve which registers their fluctuations through a varying light beam upon a sensitized photographic film; and finally how the process is reversed in the reproducing process through the sound film projector. Variable area and variable density "sound tracks" are explained and demonstrated. (Encyclopaedia Britannica Films)

So 1892 SOUND WAVES AND THEIR SOURCES

10 min. sound (Guide) jh-sh-c \$1.50

Demonstration and explanation of several types of sound sources. Transmission of sound waves through the air clearly visualized. Characteristics of sound waves, such as frequency, amplitude, wave length, harmonies, explained visually with acoustic accompaniment.

Transportation

So 3072 AERIAL NAVIGATION: AIRWAYS FLYING

29 min. sound sh-c \$3.00

Describes Civil Aeronautics Authority traffic rules covering contact and instrument flying. Civil airways, control areas, beacons, and markers and various rules and regulations are treated. (Castle Films)

So 5202 AIRLINER

19 min. sound (Guide) jh-sh-c \$2.00

By means of a trip from Los Angeles to San Francisco, the operation of the airlines is illustrated. Operation of the airports. Duties of the pilot, co-pilot, and hostess of the airliner are shown. The instrument boards of the airliner are explained. The picture ends with the Clipper taking off over the Pacific. (Donavin Miller Prod.)

So 1926 AIRPLANE CHANGES THE WORLD MAP

11 min. sound jh-sh-c-adult \$1.50

Portrays the problem of map projection distortion; early maps and globes; latitude and longitude; Mercator's Mollweide's; and Goode's projections; and distance contrasts between points on the globes by land, water, and air travel routes. (Erpi)

So 312 AIRPLANES

37 min. sound (1944) jh-sh-adult-trade \$.25

The story begins at the Sky Wolves' clubhouse where boys build airplane models and learn the theory of flight. They are told of the metals used in the construction of airplanes, including aluminum, magnesium, alloy steel, copper, lead, and petroleum, and some highlights in the production of these metals are shown. Scenes of competitive meet of model builders with presentation of awards to winners, and reference to the future contributions to aeronautical progress. (USBM in coöperation with Sinclair Refining Co.)

So 279 AMERICA BUILDS SHIPS 11 min. sound (Color) jh-sh-c \$.25

Statistics on ships. Launchings of vessels shown and uses of ships in peacetime trade or national defense are emphasized. (Council of National Defense)

996 BOATS OF THE GREAT LAKES

10 min. silent el-jh-sh \$1.00

Ore boats, coal boats, scrap iron freighters, auto ferries, railway ferries, passenger steamers.

So 2500 BOMBER

8 min. sound (1942) jh-sh-c-adult \$.25

Shows the manufacture of the Martin B-26 medium bomber and suggests its speed and power as a combat plane. (OWI)

So 2511 BUILDING A BOMBER

17 min. sound (1941) jh-sh-c-adult \$.25

An educational exposition on the building of the B-26 U.S. Army medium bomber. (OWI)

So 1014 BUILDING P.B.Y. RECORD BREAKERS

23 min. sound jh-sh-c \$.25

Designing, production, and construction of Consolidated Aircraft Corporation's famous P.B.Y. Record Breaker Airplanes. (Consolidated Film Ind., Inc.)

389 BROKEN ARO MINE

8 min. silent jh-sh-c \$.25

Operations at the Broken Aro Mine. (Sinclair Coal Co.)

So 407 CANADA—WINGS OF YOUTH

16 min. sound sh-c-trade-adult \$.25

Film describes the commonwealth Air Training Scheme—the massive project which mobilizes Empire airmen for service flying—and pictures in considerable detail the kind of training the men get in preparation for their work as pilots. (Canadian Government)

So 2580 CONSTRUCTION OF A LIGHT AIRPLANE

25 min. sound (1942) sh-c-trade-adult \$1.00

The film shows the building of a light airplane at the Piper Aircraft Corporation with construction of four of the five major parts of the airplane: The fuselage; the landing gear; the tail surface; and the wings. (Penn State College)

So 1895 DEVELOPMENT OF TRANSPORTATION

9 min. sound (Guide) el-jh-sh-c \$1.50

Shows transportation development within the United States during the past one hundred fifty years. The physical barriers, the spread of the railroad network, and the subsequent highway development are all rapidly shown. (Erpi)

So 1323 DODGE FLUID DRIVE

11 min. sound jh-sh-c \$.25

The Dodge Car.

So 1226 FORD RECONNAISSANCE CARS JOIN THE ARMY

7 min. sound jh-sh-c \$.25

The test given "jeep" reconnaissance cars by the U.S. Army. (Ford Motor Company)

326 INNER TUBE, THE

8 min. silent jh-sh-c \$.25

Various stages of construction of the Goodyear inner tube. (Goodyear Tire & Rubber Co.)

So 2505 LAKE CARRIER

8 min. sound (1942) el-jh-sh-c-adult \$.25

The Great Lakes ore boats and their part in winning the war; how iron ore is mined, and how the lake carriers feed it to the mills that forge the vital steel for victory. (OWI)

So 1303 LEST WE FORGET

9 min. sound (1941) sh-c-adult \$.25

Compares in a humorous manner the cars and motoring "perils" of yesterday with the comfortable automobiles that speed us smoothly on our way today. After an introduction of views of the newest models, there follow cuts from early movies, of the first cars in this country, and the accompanying trials of the motorist are shown.

At the end, we see new designs of automobiles of the future. (General Motors)

- So 1320 **LIGHTNING P-38** 11 min. sound (Color) *jh-sh-c* \$.25
 The film shows what the Lightning P-38 means to Mr. and Mrs. Average Man, to the men and women who build it, and to the fighter pilots who fly it. Many phases of the Lightning's construction are seen, but the main body of the picture stresses the development of the Lightning pilot from primary training to final graduation, and a special training version of the '38 called the piggy-back.
- 944 **LOCKS AT SAULT SAINTE MARIE** 10 min. silent *jh* \$1.00
 Shows the action of the locks in lowering and raising boats. Great ore boats are shown going both up and down.
- 380 **MAGELLAN OF THE AIR** 10 min. silent *jh-sh-c* \$.25
 Dr. Hugo Eckener and his Graf Zeppelin. Parades in his honor. (Goodyear)
- So 1188 **MOVING WORLD, THIS** 22 min. sound *el-jh-sh-c-trade-adult* \$.25
 A history of transportation from the invention of the wheel to the present time.
 Emphasis is laid on the fact that each important new invention in the history of transportation has come from the dreams of youth. (Fisher Body Division)
- So 1815 **PASSENGER TRAIN, THE** 10 min. sound (Guide) *el-jh* \$1.50
 Interprets a journey on a modern, streamlined, Diesel-electric-powered passenger train from a large city through a picturesque countryside. The duties of the ticket seller, gateman, baggage-man, conductor, engineer, motor attendant, mail clerk, dining car cook, waiter, and pullman porter are depicted and commented upon. Right-of-way problems including tunnels and bridges are portrayed. Attention also is given to factors of comfort, safety, and efficiency in the train's operation. (Encyclopaedia Britannica Films)
- So 1334 **PIPELINE** 15 min. sound *jh-sh-adult* \$.25
 New Englanders who handle giant ten-ton shovels like teaspoons, Texans who navigate a boomcat as your son does a kiddie car. A picture of men and machine triumphant over snow, frozen ground and solid rock. (Shell Oil Company)
- 898 **PRINCIPLES OF FLIGHT (AVIATION)** 10 min. silent (1940) (Guide) *sh-c-trade-adult* \$1.00
 Laboratory tests on full-sized airplanes are made in huge wind tunnels. Scale models in small wind tunnels are used to study flight conditions.
 We see the controls of an airplane as hands and feet work them. Clear demonstrations by actual shots and animated diagrams are given of the work of the rudder, the elevators, and the stabilizer. That ailerons cause the plane to bank at the turns is also demonstrated.
- So 1923 **PROBLEMS OF FLIGHT** 9 min. sound (1941) (Guide) *jh-sh-c-trade* \$1.50
 Describes the use of the plane's controls in taking off, climbing, banking, stalling, spinning, and recovery, diving, gliding, and

landing. Gliding and landing are given special consideration by demonstrating both the correct and the incorrect techniques. (Erpi)

- So 1316 RAILROADIN' *23 min. sound el-jh-sh-adult \$.25*
Tells the epic story of the development of America's railroads and the tremendous part that they played in the growth and expansion of this country. (General Electric)
- So 1372 ROADS SOUTH *16 min. sound jh-sh-c \$.25*
An educational and entertaining film showing the development of transportation in Central and South America. (CIAA)
- 756 STORY OF THE AIRSHIP, THE *10 min. silent jh-sh-c \$.25*
The development of the airship, from free balloon to giant aircraft; the christening of the Los Angeles, the christening of the U.S.S. Macon, and views of the Graf Zeppelin. (Goodyear Tire & Rubber Co.)
- 752 STORY OF THE TIRE, THE *18 min. silent jh-sh-c \$.25*
An interesting study in the manufacture of automobile tires—from the rubber and cotton plantations down through the various operations to the wrapping for shipment to the dealer. (Goodyear Tire & Rubber Co.)
- So 1924 THEORY OF FLIGHT
10 min. sound (1941) (Guide) jh-sh-c-trade \$1.50
Illustrates the physical laws as applied to forces acting on airfoils. Wind tunnel tests demonstrate the relation of velocity to lift and drag. Control of airplane movements is demonstrated by means of rudder, elevator, and ailerons in pitching, rolling, and yawing. (Erpi)
- 89 TRANSPORTATION *19 min. silent jh-sh-c \$.25*
Shows methods of transportation beginning with the sled, drawn and pushed by slaves under the lash, and then the development up to the high-powered electric locomotive. (USBM)
- 376 U.S.S. AKRON *19 min. silent jh-sh-c \$.25*
Building of frame; completed skeleton; covering the frame; motor compartments; cabin space; mechanism; central cabin; helium for inflation; christening by Mrs. Herbert Hoover; Admiral Moffett; maiden flight, 1931. (Goodyear)
- So 3073 WEFT SYSTEM OF IDENTIFICATION
12 min. sound jh-sh-c \$.25
Models are used in this sound film to explain the WEFT system of aircraft recognition, which depends upon examination of the wings, engine, fuselage, tail assembly, the first letters of which furnish the name WEFT.

PHYSIOLOGY AND HEALTH

Health

- 1501 **ABC OF GOOD HEALTH** 8 min. silent (Guide) *jh-sh-c* \$1.00
Foods and the Body Engine compared with Fuels and other engines. A description of proper foods.
- So 1833 **DEFENDING THE CITY'S HEALTH**
10 min. sound (1941) (Guide) *jh-sh-c* \$1.50
In this picture modern community hygiene controls are presented. It shows how the death rate from communicable diseases has been definitely reduced through scientific advances and social controls. The effective functioning of a public health department is shown. This picture brings to life the working activities of the great army of public health workers upon whom so much depends in the matter of living in a city. (Erpi)
- 656 **DRINKING HEALTH** 21 min. silent (Guide) *jh-sh-c* \$.25
This is an appeal for the necessity of exercising care in drinking water during summer months, emphasizing the need for using sanitary drinking cups. Some of the most beautiful water scenes are shown and the method of aeration of water is carefully portrayed. (Films of Commerce)
- 880 **EDUCATED FEET** 11 min. silent *jh-sh-c* \$1.00
How one school in California teaches the small children to take exercises to prevent round shoulders, flat feet, knock knees, forward head, shallow back, etc. (Hollywood Film Ent.)
- So 1055 **FOR HEALTH AND HAPPINESS** 10 min. sound adults \$.25
Emphasizes the value of proper diets and exercises for children. (USDA)
- 822 **HOW TO LIVE LONG AND WELL** 10 min. silent *jh-sh-c* \$1.00
Illustrates simple rules for healthful living. Shows value of fresh air, sunlight, and plenty of pure water. Shows value of varied diet and vitamins, and the need of a clean mind and body. Also stresses the value of a periodic physical examination.
- 558 **INSIDE OUT** 9 min. silent (Guide) *jh-sh-c* \$.25
The whole digestive process is shown—work of the teeth, saliva, esophagus, stomach, intestines; results of clogging digestive tract thoroughly explained; need for exercise and balanced diet stressed. Excellent use of animated diagrams.
- So 2531 **KEEPING FIT** 10 min. sound (1942) *jh-sh-c* \$.25
A victory short on the subject of health, with the movie actor Robert Stack as commentator. (OWI)
- 973 **POSTURE** 10 min. silent *el-jh-sh* \$1.00
Demonstrates the effect of posture upon the size of the chest, the position of the abdominal organs, and general personal appearance. Shows how good sitting and standing posture may be developed.

- 984 POSTURE *10 min. silent (Guide) jh-sh-c \$1.00*
West Point cadets on parade; natural position of the feet; fallen arch; effects of shoes; correct posture; corrective exercises for posture defects.
- So 1835 POSTURE AND EXERCISE *10 min. sound (1941) (Guide) jh-sh-c-adult \$1.50*
Explains muscle activity and the physiology of exercise. Concepts presented include the relation of the nervous system to the skeletal muscles, motor units of work, development of endurance, muscle tonus in relation to posture, and peripheral circulation as it is related to general physical efficiency.
- 390 PREVENTING BLINDNESS AND SAVING SIGHT *26 min. jh-sh \$.25*
Shows the causes of blindness, and the simple precautions which, if observed, will preserve the vision of many people.
- So 362 STUDENT FLYER *20 min. sound jh-sh-c \$.25*
Designed to promote the Victory Corps Physical Fitness Program of the United States Office of Education. (American Dental Association)
- 737 STYLES IN SMILES *12 min. silent jh-sh-c \$.25*
How good care helps preserve good teeth. (Kolynos Co.)
- 791 WHAT PRICE HEALTH *11 min. silent jh-sh-c \$1.00*
Answers the question: "Is sanitation worth what it costs?" By a specific case of typhoid, the cost of insanitation is shown to far exceed the cost of sanitation.
- So 1008 WORK OF U.S. PUBLIC HEALTH SERVICE *17 min. sound jh-sh-c \$.25*
Trachoma; coöperation with state and county health authorities. (U.S. Dept. of Health)

Alcohol

- So 1005 A FAMILY AFFAIR *11 min. sound jh-sh-c-adult \$.25*
Five members of the alcohol family—methyl, ethyl, propyl, butyl, and amyl,—are introduced and the various properties they have in common are demonstrated in laboratory scenes. Shows the effect of alcohol and strychnine on growing seeds as compared with the effects of plain water. (National W.C.T.U.)
- So 999 IT'S THE BRAIN THAT COUNTS *22 min. sound jh-sh-c-adult \$.25*
A doctor demonstrates to two young people why a few drinks of beer may have caused the accident in which a friend of theirs was injured. (W.C.T.U.)
- So 1000 PAY OFF *16 min. sound jh-sh-c \$.25*
Shows the harmful effects to the body through drinking alcoholic beverages; also includes dramatic sequences showing the social harm done by drinking. (W.C.T.U.)

Cancer

- So 202 CHOOSE TO LIVE *15 min. sound sh-c-adult \$.25*
 The picture tells the story of one woman's encounter with cancer and presents a background of educational information on the subject. Control of cancer discussed by Dr. C. C. Little, Managing Director of the American Society for the Control of Cancer. (U.S. Public Health Service)
- 373 CULTIVATION OF LIVING TISSUE *10 min. silent \$.25*
 Growth of normal and cancer cells in artificial media; effect of radium on both. (American Society for Control of Cancer)

First Aid

- 836 FIRST AID-CONTROL OF BLEEDING; FIRST AID-CARE OF MINOR WOUNDS *10 min. silent (Guide) el-jh-sh-c \$1.00*
 Shows methods of control of arterial and venous hemorrhages in various areas of the body. Emphasizes the importance of immediate care for even the slightest wound. Demonstrates in detail the proper method of applying sterile dressings.
- 857 FIRST AID-LIFE SAVING AND RESUSCITATION *9 min. silent (Guide) el-jh-sh-c \$1.00*
 Demonstrations in water (in slow motion photography) out of water, of various approaches and holds used in rescuing a swimmer.
- So 199 FIRST STEPS IN FIRST AID *28 min. sound jh-sh-c \$.25*
 This film deals with the basic information contained in courses for beginners in first aid. Depicts series of accidents; shows symptoms and first-aid treatment for shock; demonstrates treatment for bleeding; pictures first-aid treatment of burns; warnings against wound infection. (Bureau of Mines)
- So 159 HELP WANTED *29 min. sound jh-sh-c \$.25*
 Film deals with basic information contained in courses for beginners in first aid. (Bureau of Mines and Johnson & Johnson)

Prevention of Diseases

- So 1908 BODY DEFENSES AGAINST DISEASES *9 min. sound (Guide) jh-sh-c \$1.50*
 Exposition of the three lines of defense—skin, phagocytic cells and lymphatics, and the blood, including a section on immunology. Microphotography of phagocytosis. Application of defense mechanism in specific cases. Action of liver and spleen. Types of anti-bodies and their effects. (Erpi)
- So 1377 DEFENSE AGAINST INVASION *11 min. sound (1943) el-jh-sh-c-adult \$.25*
 Walt Disney, through animation and actual photography, explains how vaccination makes the body immune from disease. (CIAA)

- 777 DIPHThERIA *10 min. silent el-jh-sh \$1.00*
Nature of diphtheria, use of antitoxin, and securing of immunity through toxin—anti-toxin treatment. Shick test. Positive and negative reactions are given. (Eastman Kodak Co.)
- So 744 MAN AGAINST MICROBE *9 min. sound jh-sh-c \$.25*
Dramatizes discoveries that were decisive in the fight against infectious diseases. Deals with the work of Van Leeuwenhoek, Pasteur, Lister, Koch, and Behring. (Metropolitan Life Insurance)
- 744 MAN AGAINST MICROBE *9 min. silent jh-sh-c \$.25*
Dramatizes discoveries that were decisive in the fight against infectious diseases. Deals with the work of Van Leeuwenhoek, Pasteur, Lister, Koch, and Behring. (Metropolitan Life Insurance)
- So 262 STOP SILICOSIS *10 min. sound jh-sh-c \$.25*
This film shows by animation the nose and throat passages through which dust-laden air enters the lungs, causing silicosis. Practical control measures in use today. (U.S.D.L.)
- 357 T. C. YOUR SIXTH SENSE *9 min. silent jh-sh-c \$.25*
Effect of temperature on human beings; origin of thermometer and method of calibration. (Rowland Rogers Picture Service, Inc.)
- So 1007 WORK OF THE U.S. PUBLIC HEALTH SERVICE
17 min. sound (Guide) jh-sh-c \$.25
History and duties; prevention of diseases from abroad; suppression of epidemics. (U.S. Department of Health)
- So 1009 WORK OF U.S. PUBLIC HEALTH SERVICE
17 min. sound jh-sh-c \$.25
Pellagra; Tularaemia, Rocky Mountain Spotted Fever; Parrot fever; typhus fever; Public Health aspects of venereal diseases. (U.S. Department of Health)
- So 1010 WORK OF U.S. PUBLIC HEALTH SERVICE
8 min. sound jh-sh-c \$.25
Marine hospitals. (U.S. Department of Health)

Reproduction and Heredity

- 782 GIFT OF LIFE (PART IV) *6 min. silent jh-sh-c \$1.00*
Deals exclusively with human reproduction. (Eastman Kodak Co.)
- So 1913 HEREDITY *9 min. sound (Guide) jh-sh-c-trade-adult \$1.50*
Mendelian laws of inheritance presented through the use of animated charts and animal picturization. Drawings explain mitosis and meiosis in relation to the genes; chance combination of sperms and eggs; genotypes and phenotypes and their relationship. (Erpi)
- So 7 IN THE BEGINNING *15 min. sound jh-sh-c \$.25*
The ovulation, fertilization, and early development of the mammalian egg, scenes of spermatozoa attacking the ovum, time-lapse cinemicrographs of cell division in the fertilized egg. (USDA)

So 1912 REPRODUCTION AMONG MAMMALS

10 min. sound (Guide) jh-sh-c \$1.50

Presents the story of embryology. The domestic pig was selected for illustration. The story is fundamentally complete from the formation of the original male and female germ cells to the active newborn pig, including such processes as fertilization, cleavage, blastulation, gastrulation, formation of neural folds, development of membranes and embryonic circulation, and parturition. (Erpi)

Syphilis

1660 FIRST STAGES OF SYPHILIS; CHILDREN BORN WITH SYPHILIS

6 min. silent \$.50

(For technical, not mixed groups.)

762 SYPHILIS, ITS NATURE, PREVENTION AND TREATMENT

21 min. silent adult \$1.50

Incidence, modern and ancient; cause, transmission, symptoms, effects on heart, nervous system, children at birth; diagnosis, prevention and treatment.

So 38 THREE COUNTIES AGAINST SYPHILIS

17 min. sound adult \$.25

How control of syphilis is effected in three counties in Georgia; portable clinic; methods used; enlarged views of spirochete. (USDA)

Tuberculosis

So 318 BEHIND THE SHADOWS *9 min. sound jh-sh-c-adult \$.25*

A doctor explains to a group of high-school boys and girls what tuberculosis is. Pictures, X-rays and animated diagrams illustrate his story. (Texas State Tuberculosis Association)

So 278 LET MY PEOPLE LIVE *12 min. sound jh-sh-c \$.25*

This film points out the dangers of neglecting the treatment of tuberculosis in its many stages. Depicts a family of southern negroes, with various members developing the disease. (National Tuberculosis Association)

So 1011 ON THE FIRING LINE *17 min. sound jh-sh-c \$.25*

Statistical data presented; scenes of tuberculosis sanatorium; prevention work in universities; rural work in the South. (National Tuberculosis Association)

792 STORY OF MY LIFE BY TEE BEE *9 min. silent jh-sh-c \$1.00*

Tuberculosis germ tells his life story; animated cartoon and photographs of actual scenes. (Tuberculosis Association)

Physiology

So 1907 ALIMENTARY TRACT *10 min. sound (Guide) jh-sh-c \$1.50*

This picture treats in detail motility phenomena of the gastrointestinal tract. Actual photography reveals different types of movements in the stomach, such as hypermotility, inhibition, antiperistalsis, hunger contractions, and normal movements. Segmen-

tation and peristalsis of the intestines are portrayed. Motility of intestinal villi is clearly shown in microcinematography. Colon motility in the dog and cat is observed in the processes of anti-peristalsis. (Erpi)

- 776 **BODY FRAMEWORK** 10 min. silent (Guide) el-jh-sh-c \$1.00
Function of skeleton; structure, chemical composition, growth and repair of bones; main types of joints. (Eastman Kodak Co.)
- So 1884 **CONTROL OF BODY TEMPERATURE**
10 min. sound jh-sh-c-adult \$1.50
By means of laboratory demonstrations, animated drawings, and special photography, phenomena associated with variations of body temperature in animals and man are shown. Foods are designated as the source of body heat, and the roles of nerves, glands, and muscles in its control are portrayed. (Encyclopaedia Britannica Films)
- So 1909 **DIGESTION OF FOODS** 10 min. sound (Guide) jh-sh-c \$1.50
A summary of the digestive process, including the work performed in mouth, stomach, and small intestines. Secretions, enzymes, systems affected, and products formed. Microphotography of reactions, digestive movements and their control. Relation of circulatory and nervous systems to the digestive process. (Erpi)
- So 1920 **ENDOCRINE GLANDS** 10 min. sound (Guide) sh-c-adult \$1.50
By means of diagrammatic drawings and experiments on a goat, the film points out the effects caused from an improper functioning of the glands, the causes and remedies of faulty glandular actions. (Erpi)
- So 1834 **EYES AND THEIR CARE**
10 min. sound (1941) (Guide) jh-sh-c-adult \$1.50
Treats in detail the physiology and hygiene of the eye. Animated drawings clarify structure and function. The film explains learning to judge distance, eye movements, light receptors, field of vision, night blindness, double vision, near and far-sightedness, infections, and protection of the eyes. (Erpi)
- So 1902 **HEART AND CIRCULATION OF THE BLOOD**
9 min. sound (Guide) jh-sh-c \$1.50
The mechanics of the pulmonary and systemic systems detailed, with delineation of the heart action. Amplified heart beat sounds. Microscopic scenes of capillary action. Blood pressure and its relation to health. (Erpi)
- 904 **HOW TEETH GROW** 10 min. silent (Guide) el-jh-sh \$1.00
Traces the development of teeth from infancy to adult life, showing their structure and arrangement. Shows the position of the teeth in the mouth. Indicates the structure of a tooth and the nerves and blood vessels which surround it.
- So 1945 **HOW WE HEAR** 11 min. sound jh-sh-c \$1.50
Explanation of the entire ear structure and its mechanism, showing how sound waves are received by the inner ear where they are converted into nerve impulses. (McCrory Studios)

- 941 HOW WE SEE *10 min. silent jh-sh-c \$1.00*
Shows the functions of the various parts of the eye by diagrammatic drawings.
- 965 HOW YOU SEE *3 min. silent el \$.50*
The theory of sight explained by animated diagrams and photography; principles common to the eye and to the combination of lens, diaphragm, and sensitive plate of the camera.
- So 1911 MECHANISMS OF BREATHING *10 min. sound jh-sh-c \$1.50*
The breathing mechanism in operation. Technical animation of gaseous exchange in lungs and body tissue cells, including pathological conditions. Demonstration of artificial respiration. Nervous control of breathing and factors affecting rate and depth of breathing. (Erpi)
- 785 MUSCLES *10 min. silent (Guide) el-jh-sh-c \$1.00*
The structure and the use of muscles are strikingly presented by means of actual photography and animations. The film may be used, not only to teach the facts involved, but also to provide a fresh approach to the consideration of habits of exercise and posture. Structure and properties of muscles. Muscles in action.
- 850 NATURE-BUILDER OF TEETH *7 min. silent jh-sh-c \$1.00*
Development of teeth, from birth to adulthood; part teeth play in facial development.
- So 1901 NERVOUS SYSTEM, THE *9 min. sound jh-sh-c \$1.50*
Structure of the nervous system, particularly in man; its pathways and connections. The nature of the nerve impulse; conditions for setting up impulses; their passage from cell to cell; their discharge and resultant activity. Reflexes; sensory integration, and activity of the cerebrum. (Erpi)
- So 1947 OUR TEETH *10 min. sound (1941) el-jh-sh-c-adult \$1.50*
Deals with the growth and structure of our teeth, placing particular emphasis on their organic structure and vitality. Besides furnishing complete factual information about our teeth, it gives reasons rather than methods for oral hygiene. (McCrory Studios)
- So 1894 REACTIONS IN PLANTS AND ANIMALS
10 min. sound (Guide) jh-sh-c \$1.50
Directed reactions in a field of force (tropisms) are studied first: then higher reactions including reflexes and chains of reactivity. Such reactions as geotropism, phototropism, stereotropism, galvanotropism, and rheotropism are studied. (Erpi)
- 790 SKIN, THE *10 min. silent el-jh-sh \$1.00*
The skin of the fish, crocodile, ostrich, elephant, and bear; the human skin is seen through a magnifying glass; structure of the skin; growth of cells; secretion of sweat; structure of the hair and nails.
- 814 TEETH *6 min. silent jh-sh-c \$1.00*
Growth, structure, and care.

767 TOLD BY A TOOTH *9 min. silent p-el-jh \$1.00*

Deals with four points of a balanced dental hygiene program. Stresses proper nutrition, exercise of the teeth and gums, correct use of the toothbrush, and periodic visits to the dentist.

So 1919 WORK OF THE KIDNEYS

10 min. sound (1940) (Guide) sh-c-adult \$1.50

Animated drawings describe the renal system, the formation of urine, the functioning of the bladder, etc. (Erpi)

PRIMARY AND ELEMENTARY

- So 1904 **ADVENTURES OF BUNNY RABBIT** *10 min. sound (Good) (Guide) p-el-jh \$1.50*
Presents the characteristics and habits of rabbits in their natural environment. (Erpi)
- So 1995 **AIRPLANE TRIP, AN** *11 min. sound p-el-jh \$1.50*
Relives the experience of a mother and her daughter who journey by air from Los Angeles to Salt Lake City. Airport servicing operations are shown. En route, the plane's instruments and operation are explained. A living panorama of cities, farms, rivers, and mountains is portrayed. The stewardess serves a meal and makes up the sleeping berths. A radio telephone weather report is received by the pilot, and the plane lands at dusk. (Encyclopaedia Britannica Films, Inc.)
- So 1400 **ALICE IN WONDERLAND** *6 min. sound p-el-jh \$1.50*
Screen version of Lewis Carroll's classic for children, portrayed with beauty and imagination. Irving Berlin plays the piano while magic figures dance through the looking glass. (Nu-Art)
- 869 **ANNE LEARNS ABOUT CARGO BOATS** *21 min. silent p-el-jh-sh \$1.00*
Anne rides on a ferry boat in San Francisco Bay where she sees the famous Golden Gate Bridge and the Bay Bridge. She watches on Ocean Freighter being loaded and she and Bob visit an Oil Tanker. They learn about the operation of a Fire Boat and see it in action. Some of the outstanding types of Cargo Boats are seen in this picture. (Cinegraphic)
- 867 **ANNE VISITS FISH HARBOR** *8 min. silent el-jh \$1.00*
Shows Anne and Bob watching tuna clippers coming into the harbor. They meet an old sailor who shows them the boats, and also tells them how tuna fish are caught. (Cinegraphic)
- 870 **ANNE VISITS HISTORIC AMERICA** *24 min. silent el-jh \$2.00*
Anne travels through America visiting Plymouth Rock, Bunker Hill, Independence Hall, Williamsburg, Jamestown, and other shrines. (Cinegraphic)
- So 219 **BIP GOES TO TOWN** *10 min. sound el-jh-sh-adult \$.25*
Bip, a small boy, visits a modern dairy farm which has been electrified. Scenes show the expansion and construction of the R.E.A. lines. (USDA)
- 219 **BIP GOES TO TOWN** *10 min. silent el-jh-sh-adult \$.25*
- So 1998 **BLACK BEAR TWINS** *11 min. sound p-el-jh \$1.50*
Portrays the experiences of a family of campers in observing a pair of small, hungry and mischievous twin bears. (Encyclopaedia Britannica Films, Inc.)
- So 1993 **BOATS** *10 min. sound (Guide) p-el-jh \$1.50*
Portrays the experiences of a boy and girl going by boat from Albany, down the Hudson River to New York. They inspect the

boat and observe the many different types of boats on the river. A landing at a town, the approach to New York City, and the fascinating wonders of its harbor are climaxed by seeing a great ocean liner assisted from its dock by tugboats to begin its journey across the Atlantic. (Encyclopaedia Britannica Films)

- So 1988 CATTLEMAN *11 min. sound (Guide) p-el-jh-sh-c \$1.50*
Life on a cattle ranch in a typical setting is shown. The activities of the family and its hired helpers are portrayed. Mealtime, repairing fences, herding cattle, marketing experiences, shoeing and breaking horses, roundup, dipping and shipping cattle are among the scenes presented. Cowboy songs are sung around the campfire during the roundup. (Encyclopaedia Britannica Films)
- 903 CHILDREN'S AIRPORT EXCURSION *10 min. silent el-jh \$1.00*
Forty-two children emerge from a school bus at an airport, and observe: radio equipment; typewriters that run themselves; air-mail delivery methods; radiophone communication; planes taking off, and planes landing; huge hangars, and in them huge planes equipped with a maze of scientific instruments. (Purinton)
- 1632 CIRCUS CITY *25 min. silent el-jh-sh \$1.50*
Activities at the winter quarters of a circus. Preparations for going on the road are given in detail; feeding and training of the animals.
- So 3997 DOG SHOW *10 min. sound p-el \$1.50*
A complete mirror of dog life from mutts to blue ribbon winners. Performing dogs, dogs on the hunt, dog heroes, family pets. (Castle)
- 770 FLUFFY, THE KITTEN *10 min. silent p-el \$1.00*
A story, told from the viewpoint of the kitten itself, in easily understood titles and in self-explanatory action.
- So 401 GREY OWL'S LITTLE BROTHER *10 min. sound el-jh-sh \$.25*
Shows the ingenuity and industry of beavers in Canada, as Grey Owl knew them. (National Parks of Canada)
- So 406 GREY OWL'S STRANGE GUESTS *10 min. sound el-jh-sh \$.25*
The late Grey Owl and his beaver in Prince Albert National Park. (Canadian Department of Mines and Resources)
- So 1905 GREY SQUIRREL *11 min. sound (Guide) p-el \$1.50*
Portrays the life of the squirrel, showing how baby squirrels are taught to play and climb. (Erpi)
- 905 HAPPY HEN AND HER CHICKS *9 min. silent p-el-jh \$1.00*
This is the story of a hen and her chicks, a little girl, the family dog, and a beautiful sunset. Shows the actual pecking, cracking open of the shells, and the tumbling out of baby chicks. (Purinton)
- So 3998 HERE COMES THE CIRCUS *10 min. sound (1942) p-el-jh-sh \$1.50*
Shows the great parade, daring acrobats, thrilling jumps, famous clowns of the Cole Brothers circus. (Castle)

- 1630 HERE COMES THE CIRCUS; CIRCUS ON PARADE
13 min. silent p-el-jh-sh \$1.00
 The circus train unloading wagons and animals; also, the parade is shown. The greatest show on earth in training quarters.
- 993 JACK AND THE BEANSTALK *10 min. silent p-el-jh \$1.00*
 The well-known fairy tale.
- So 3002 LITTLE BOY BLUE *6 min. sound el-jh-sh-adult \$.75*
 Nursery rhyme comes to life, with Mary's lamb and big bad wolf also adding to the fun. (Castle)
- 921 NIGHT BEFORE CHRISTMAS *16 min. silent el-jh \$1.50*
 Based on Clement C. Moore's famous poem.
- So 1994 POLICEMAN, THE *11 min. sound (Guide) p-el-jh \$1.50*
 Produced in collaboration with Dr. Ernest Horn, of the State University of Iowa, Dr. Arthur I. Gates, of Teachers College, Columbia University, and Celeste C. Peardon. Describes the function of police officers in general and follows a typical city patrolman through one of his regular shifts of duty. In due course, the use of motorcycles and patrol cars with two-way radio communication is demonstrated and explained. Lessons in pedestrian and vehicular traffic safety are developed, along with the role of the policeman in rescue work and the apprehension of a speeding driver. (Encyclopaedia Britannica Films)
- So 2019 POULTRY ON THE FARM *10 min. sound p-el-jh \$1.50*
 Treats the appearance and habits of adult and young chickens, ducks, geese, and turkeys. Chickens are shown roosting, drinking, and feeding. The gathering of eggs, the brooder house, and the incubation of eggs are depicted, along with scenes of a chick embryo, chicks hatching, young ducklings swimming and feeding, and families of geese and turkeys in characteristic situations. Natural sounds of the poultry are reproduced. (Encyclopaedia Britannica Films, Inc.)
- So 1856 ROBIN REDBREAST *11 min. sound (Guide) el-jh \$1.50*
 The dramatic story of a robin family from the time father and mother robin build their nest until the baby robins are old enough to take care of themselves. (Erpi)
- So 3031 SANTA'S TOY SHOP *6 min. sound el-jh \$.75*
 A charming marionette show of Santa's toy shop at the North Pole. Dolls, teddy bears, come to life and dance. (Gutlohn)
- So 3032 TEDDY BEAR'S PICNIC *5 min. sound (1940) p-el-jh \$.75*
 Film devoted entirely to the antics of the lovable koala bear. (Gutlohn)
- So 2025 THREE LITTLE KITTENS *10 min. sound p-el \$1.50*
 Provides an opportunity to learn about the characteristics of cats. When about two weeks old, the kittens are carried by their mother from the barn to an old buggy, where they learn to feed and clean themselves. Later they skirmish with a dog and learn to hunt. Finally, two of the kittens are given to local tradesmen by the farmer's wife and the third kitten stays with his mother on the farm. (Encyclopaedia Britannica Films, Inc.)

- 861 WEE ANNE AND THE SNOW MAN *5 min. silent p-el-jh \$1.00*
 Bobby and Wee Anne go to the mountains to play in the snow, and are seen rolling it in big balls to make a snow man. (Cinegraphic)
- 866 WEE ANNE GOES SAILING *5 min. silent el-jh \$1.00*
 This is the story of what Wee Anne does when she goes to the Yacht Harbor. (Cinegraphic)
- 865 WEE ANNE SEES THE INDIANS *10 min. silent el-jh \$1.00*
 This is the story of Wee Anne visiting the Taos Pueblo. She is seen at Santa Clara and also at San Ildefonso Pueblo with Maria, famous for her black pottery. (Cinegraphic)
- 863 WEE ANNE VISITS THE FARM *20 min. silent el-jh \$2.00*
 Wee Anne visits Stevie, the farmer's son, and they ride on a hay rake, watch mowing machine, play on hay cocks, see Nellie, the farm horse, and see the rabbits, chickens, and pigs. (Cinegraphic)
- 862 WEE ANNE VISITS THE ZOO *10 min. silent el-jh \$1.00*
 Wee Anne visits the zoo and sees foxes, peacocks, penguins, zebras, bison, deer, porcupines, prairie dogs, camels, elephants, tapir, otter, bears, polar bears, seals, pelicans, tigers, ducks, birds, gorillas, and orang-outang. (Cinegraphic)
- 864 WEE ANNE'S CHRISTMAS *10 min. silent el-jh \$1.00*
 This is the story of Wee Anne and her Cousin Michael's Christmas—shopping for toys—gifts for the poor—hanging up their stockings—Santa Claus coming down the chimney and putting out the toys—then the joy of Christmas morning. (Cinegraphic)
- 860 WEE ANNE'S DOG SANDY IN JUST A DOG'S DAY *4 min. silent el-jh \$1.00*
 This is the simple story of what Sandy does during the day. You see him getting out of bed in his night gown, getting his morning dip—playing with Wee Anne, dressed up like a "silly clown," and taken for a ride in the doll buggy—doing tricks—listening to the toy phonograph, and then saying his prayers and going to bed. (Cinegraphic)
- 931 WEE SCOTCH PIPER *10 min. silent el-jh \$1.00*
 The story of a little Scotch boy who cares for a lamb and in return receives a set of bagpipes. Beautiful scenery of Scotland. (Films of Commerce)

RECREATIONAL

Donald Duck

- 1604 DONALD DUCK IN THE FLYING TRAPEZE; DONALD
DUCK IN THE FIREMAN *10 min. silent el-jh \$1.00*

Felix the Cat—Animated Cartoons

- 1607 FELIX IN GERMANIA; EL TERRIBLE TOREADOR
10 min. silent el-jh \$1.00
Felix the Cat—animated cartoon.
An animated cartoon of a bull fight.
- 1608 FELIX TRUMPS THE ACE *7 min. silent el-jh \$.50*
- So 4104 ON DUTY *6 min. sound el-jh \$.50*

Flip—The Frog

- So 1401 AFRICA SQUEAKS *8 min. sound el-jh-sh \$1.50*
Flip finds himself a hunted hunter in a parody on Darkest Africa
horror pictures. (Nu-Art)
- So 1402 FIDDLESTICKS *5 min. sound el-jh-sh \$.75*
Flip accompanies Miss Fiddle Mouse on the piano at a Bugville
concert. (Nu-Art)
- So 1403 PUPPY LOVE *7 min. sound el-jh-sh \$1.50*
Flip's puppy girl-friend falls into the clutches of a dogcatcher.
The rescue brings happiness to every one but the dogcatcher.
(Nu-Art)

Mickey Mouse

- 816 MICKEY'S BARN DANCE; MICKEY'S BICYCLE RACE;
MICKEY GOES HUNTING; MICKEY GOES COURTING;
MICKEY AND THE DOG CATCHER
14 min. silent p-el-jh \$1.00
- 1601 MICKEY IN FORWARD PASS; MICKEY IN DIZZY PILOT
10 min. silent el-jh-sh \$1.00

Other Cartoons and Movies

- 1606 BARNYARD MELODY; MICKEY PLAYS SANTA CLAUS
11 min. silent el-jh-sh \$1.00
Aesop Fable—Animated Cartoon.
- So 3006 BIG BAD WOLF, THE
8 min. sound (1942) el-jh-sh-adult \$1.50
The big, bad wolf kidnaps a lamb; Boy Blue and Bo Peep come
to the rescue. (Castle)

- So 4100 EL TERRIBLE TOREADOR *6 min. sound el-jh \$.50*
A Silly Symphony cartoon. (Cinepix)
- So 5237 GRANDFATHER'S CLOCK *10 min. sound el-jh \$.50*
Animated cartoon. (Gutlohn)
- So 4101 IN THE PARK *10 min. sound el-jh-sh \$.50*
Charlie Chaplin Comedy—with his famous mustache, cane, and derby. (Cinepix)
- So 3007 LITTLE BLACK SAMBO
10 min. sound (1942) el-jh-sh-adult \$1.50
Sambo's adventures with two Tigers—one fake and one the real thing! (Castle)
- So 3000 MICKEY'S GOOD DEED *17 min. sound (1938) el-jh-sh \$2.00*
Our Gang Comedy. (Institutional Cinema)
- So 3005 MICKEY'S MINSTRELS *18 min. sound (1942) el-jh-sh-adult \$2.00*
Mickey and his gang decide to become actors to raise funds for a friend in need. (Institutional Cinema)
- So 3004 THE PIRATE SHIP *6 min. sound el-jh-sh-adult \$.75*
Everything jolly in a merry mouse romance on the high seas. (Castle)
- So 3003 ROMEO AND JULIET *8 min. sound el-jh-sh-adult \$1.50*
A burlesque classic with Romeo Mouse and lonely Juliet. (Castle)
- So 5234 SPINNING MICE *11 min. sound p-el-jh \$.50*
Animated cartoon of a chemist's mistakes in experimentation; a delightful comedy. (Gutlohn)
- So 4109 SPRING DAZE *7 min. sound el-jh-sh-adult \$.50*
A lively, musical comedy portraying the activities of the out-of-door animals during the spring season. (Cinepix)
- So 5235 SUNSHINE MAKERS *11 min. sound p-el \$.50*
How the dwarfs make, bottle, and deliver sunshine. (Gutlohn)
- So 3001 TAPPING TOES *10 min. sound (1939) el-jh-sh \$1.50*
Series of tap dances by kindergarten children. (Nu-Art)
- So 1450 W. A. FUTTER CURIOSITY NO. 9
10 min. sound el-jh-sh-adult \$1.50
Most interesting picturization of some of the little known curiosities of the world, including the largest and the smallest Bibles, singing trees, and sacred cows.
- So 4103 WHERE AM I? *10 min. sound el-jh-sh-adult \$.50*
Mutt and Jeff animated cartoon. (Cinepix)

Other Walt Disney Cartoons

- So 4107 SPRINGTIME *7 min. sound el-jh-sh-adult \$.50*
Animated cartoon. (Cinepix)

SAFETY

- So 1257 CHANCE TO LOSE, THE *9 min. sound sh-c-adult \$.25*
 Various types of highway traffic accidents and the safety measures employed in their prevention. (Chrysler Corporation)
- So 3012 HIT AND RUN DRIVER *21 min. sound sh-c-adult \$3.50*
 After the "crime reporter" has explained that some 37,000 people are killed and a million injured every year in this country in automobile accidents, he discusses the menace of the hit-and-run driver. A California county detective then describes methods of apprehending such drivers. A dramatization of a hit-and-run case, taken from police records, follows. (Teaching Film Custodians)
- So 1288 KEEPING UP WITH TRAFFIC *19 min. sound jh-sh-c \$.25*
 How scientifically built and designed concrete roads and crossings help in keeping down traffic hazards. (Portland Cement Association)
- So 1186 ON TWO WHEELS *11 min. sound el-jh-sh \$.25*
 Bicycle safety film for boys and girls. Shows the Juvenile Court operated by boys and girls, to pass sentence on Juvenile violators of bicycle traffic laws. (GMC)
- So 391 ONCE UPON A TIME *9 min. sound jh-sh-c \$.25*
 An animated cartoon shows a fairy-land setting used to emphasize the need of safety on the streets. Characters become involved in the present-day types of street and highway accidents through the machinations of two bad goblins—"Carelessness" and "Discourtesy." (Metropolitan Life Insurance)
- So 1224 PARADE OF CHAMPIONS *13 min. sound jh-sh-c \$.25*
 Highway Safety; Good Drivers' League and the trip of the 1940 winners to the New York World's Fair. (Ford Motor Company)
- So 1251 REMEMBER JIMMY *10 min. sound jh-sh-c \$.25*
 The film shows how a motor accident which crippled Jimmy sent him to the sidelines for life. (Fireman's Fund Insurance Company)
- 788 SAFE AND SANE DRIVER'S COURSE *9 min. silent jh-sh-c \$1.00*
 The Lone Technical Institute of Chicago shows how students are trained to handle cars on streets and highways and the meaning of the traffic signs. (W. A. Sears)
- So 1940 SAFETY IN THE HOME *11 min. sound (Guide) p-el-jh \$1.50*
 Presents graphically the rate and annual toll of home accident injuries. Attention is focused on the most common sources of accidents in and about a typical home and suggestions are given for their eliminations. The garage, basement, inside stairways, kitchen, living room, bedroom and bathroom are visited to detect hidden dangers in the interests of a home safety campaign. (Encyclopaedia Britannica Films)

- 342 SPEAKING OF SAFETY 9 min. silent (Guide) el-jh \$.25
Children playing on street—boy nearly hit by auto—auto speaks to boy—auto shows statistics—some dangerous practices illustrated and right way shown, cartoon “talking” auto corrects bad practices.

- So 1187 WE DRIVERS 10 min. sound jh-sh-c \$.25
Problems of the driver, and good driving practices. (General Motors Corporation)

Fire Prevention

- So 33 DANGEROUS DUSTS 9 min. sound jh-sh-c \$.25
Fire and explosion in grain elevators. (USDA)

- So 3069 FIGHT THAT FIRE 9 min. sound (1942) (Guide) jh-sh-c-trade-adult \$.25
Shows what fire is and how it can be stopped. Gives the fundamental rules of fire precaution and prevention, and explains how to use fire-fighting weapons effectively. (Transfilm)

- 852 FIRE PROTECTION 9 min. silent el-jh-sh \$1.00
Contrasts old and modern equipment and methods of fighting fires. Explains the operation of extinguishers, the principle of cooling, blanketing, or smothering fires, and gives a lesson in fire safety.

- So 23 FIRE WEATHER 11 min. sound jh-sh-c \$.25
Fire control in forests. (USDA)

- So 61 FOREST FIRES OR GAME? 6 min. sound el-jh-sh \$.25
Shows how forest fires and unrestricted hunting and fishing destroy both the occupants and the home. (USDA)

- 61 FOREST FIRES OR GAME? 18 min. silent jh-sh-c \$.25
An exposition of forests as a home for game, forest streams a home for fish. Forest fires and unrestricted hunting and fishing destroy both the occupants and the home. (USDA)

- So 1250 MODERN MAGIC IN FIRE PROTECTION 22 min. sound (Guide) jh-sh-c \$.25
Scientific study of fires is shown in world's most outstanding fire protection laboratory at Worcester, Massachusetts. (Rockwood Sprinkler Co.)

- So 3060 MORE DANGEROUS THAN DYNAMITE 9 min. sound (1938) el-jh-sh-c-adult \$1.50
Fires are shown starting from the use of the following every-day articles: the electric iron, lamp cord under the rug, cigar and cigarette stubs, turning light out while in bathtub, burning rubbish in yard, gas burners, using gasoline or naphtha for cleaning clothes. Shows how much better it is to send the clothes to the cleaner. (Panorama)

- 786 PREVENTION OF BURNS 8 min. silent jh-sh-c \$1.00
Scenes of small children being painfully burned and scalded; how these accidents might have been prevented.

- So 1019 SHOCK TROOPS FOR DEFENSE 11 min. sound adult \$.25
The dramatic story of America's civilian fire fighters. The urgent need for a great, strong nation-wide auxiliary fire corps. (Brandon Films)
- So 1013 60 SECONDS TO SAFETY 9 min. sound jh-sh-c \$.25
Common fire hazards in schools and how they should be corrected; organization and working of school safety committees; fire drills. (Hess Motion Pictures)
- So 56 STOP FOREST FIRES! 10 min. sound (Guide) el-jh-sh \$.25
A general discussion of the problem of the forest fire, with striking scenes from recent major fires. (USDA)
- So 3064 THEN CAME JULY 5TH 9 min. sound (1938) el-jh-sh-adult \$1.50
The story of fireworks and their danger to children. The efforts of state and city governments to prevent the sale of fireworks. The story of Jimmy who is blinded for life by a firecracker. Actual scenes are effectively taken in the Receiving Hospital. (Panorama)
- So 233 WOOD FOR WAR 6 min. sound (Color) (1943) jh-sh-c \$.25
This picture is one of the films tied up with the nation-wide forest fire prevention campaign which is especially important at this time. (USDA)

SOCIAL SCIENCE—History, Civics, Government

Civic and Governmental Planning

- So 1156 AMERICA—FRONTIERS OF THE FUTURE
9 min. sound jh-sh-c-adult \$.25
Traces the pattern of modern industrial growth. (National Association of Manufacturers)
- So 1158 AMERICA: MEN AND MACHINES *9 min. sound jh-sh-c \$.25*
Answers the question of machinery replacing man. (National Association of Manufacturers)
- So 1157 AMERICA—YESTERDAY, TODAY AND TOMORROW
7 min. sound jh-sh-c-trade-adult \$.25
This film depicts the industrial development of America. Suggests that the same creative spirit still exists to guide the future. (National Association of Manufacturers)
- So 1453 AMERICAN WAY, THE; U.S. MARCHES ON, THE
9 min. sound jh-sh-c-trade-adult \$1.50
Events of the last 20 years in kaleidoscopic resumé, with rise of dictators in Europe. Stresses meaning of rights guaranteed Americans by our Constitution. A plea to revalue our heritage of freedom.
A stirring visual and vocal presentation of American principles of liberty as embodied in the Preamble of the Constitution; National Anthem—group singing. (American Films Foundation)
- So 2526 ARM BEHIND THE ARMY *9 min. sound jh-sh-c \$.25*
American industry and American labor constitute the “arm behind the American army.” The success of the Army on the firing line depends upon the success of labor and industry on the production line. (OWI)
- So 1831 ARTERIES OF THE CITY
11 min. sound (Excellent) (Guide) el-jh-sh-c \$1.50
Clarifies elements which influence the development of a city's transportation facilities. Factors considered include the distribution of residential and business sections; the daily flow of people between these sections; transportation planning; subway, suburban train, ferry, bus, and automobile traffic systems; the roles of highways, bridges, and tunnels; and police regulation including traffic direction from the air. (Erpi)
- 734 BEHIND THE SCENES IN THE MACHINE AGE
25 min. silent jh-sh-c \$.25
Human waste in industry, particularly as related to women workers; technological changes as a possible factor in unemployment; investigations by Women's Bureau of conditions of employed women and standards formulated to promote their welfare. (Women's Bureau)
- So 2602 BRIDGE, THE *30 min. sound jh-sh-c-adult \$.25*
Deals with the economic basis of trade relations between Latin America and the rest of the world. Major emphasis is placed on

the three most important economic problems of Latin America: the need for diversification of agriculture, industrialization, and transportation. (CIAA)

- So 1711 CITY, THE 37 min. sound (Excellent) jh-sh-c-trade-adult \$3.00

The film is in five sections: the New England village; the industrial city—city of smoke; metropolis—men of steel; the highway—the endless city; and the Green city which shows the ideal city of living. City planning. (Brandon)

- So 1050 COMMERCE AROUND THE COFFEE CUP

11 min. sound jh-sh-c-adult \$.25

How foreign trade affects the individual. The coffee industry in Brazil used in conjunction with the United States automobile industry to illustrate how international commerce is carried on. (USDA)

- So 2506 DEMOCRACY IN ACTION

11 min. sound (1942) jh-sh-c-adult \$.25

Presents clear-cut information related to the Food-for Freedom campaign. It shows the importance of food in winning the war and the important role of the farmer in the war. It depicts American farmers meeting their war production problems democratically. They are working to increase the production of milk, eggs, pork, beef, grain, and cotton to meet the wartime needs of the United States and the United Nations. The final scenes show lend-lease foods leaving the United States farms for United Nations consumers. (OWI)

- So 1830 GROWTH OF CITIES

11 min. sound (Excellent) (Guide) jh-sh-c \$1.50

Explains factors which determine the location and growth of cities. Shows the general trend toward organization throughout the United States. Various types of cities and city plans are presented. Factors involved in the decentralization of the city into the metropolitan area are clearly presented. Includes the presentation of the prevailing trends of city planning. (Erpi)

- 902 HOME BUILDERS AT WORK

24 min. silent el-jh-sh-c-adult \$1.50

Father, mother, and their four-year-old son plan to build a home; builders are consulted, plans drafted, and the blueprints made. Modern methods of construction are featured. The various stages of development are clearly discernible, with a very rapid but smooth growth evident. (Purinton)

- So 1845 INDUSTRIAL REVOLUTION, THE

11 min. sound (1942) (Guide) jh-sh-c-adult \$1.50

Describes the efforts of primitive man to do work chiefly with his own and animal muscles; compares methods of work from the time of the first steam-powered loom to the modern Diesel electric-powered locomotive. Animated photography describes the mechanical advantage of machines. Cause and effect relationships are treated and their social and economic implications noted. (Erpi)

- So 1458 OF THEE WE SING 6 min. sound (1940) el-jh-sh-c-adult \$1.50

A patriotic potpourri. (American Films Foundation)

- So 4624 TWO-WAY STREET, THE 8 min. sound sh-c-adult \$.25
This short subject gives an account of how Lend-Lease worked for the benefit of all the United Nations all four years from the time it started to the present. The United Nations in the common cause shared what they had in the way of armies, resources, ships, and everything else that would make for victory. (OWI)
- So 1455 WAKE UP, AMERICA! 10 min. sound (1940) jh-sh \$1.50
A plea for the United States citizens to wake up to the conditions that are taking away the things that have made America great; not to heed the radicals who would change our form of government. (American Films Foundation)
- So 1456 WHICH WAY, AMERICA? 7 min. sound jh-sh-c-adult \$1.50
Urgent plea for the United States to stay out of foreign conflicts and out of war. (American Films Foundation)

Civic Welfare

- 753 AMERICA'S HERITAGE 20 min. silent el-jh-sh-adult \$.25
The story of a day in camp with a troop of Boy Scouts. Fire building, camping, trailing, life-saving and other activities assigned to them by their scoutmaster are executed loyally and efficiently. (Goodyear Tire & Rubber Co.)
- So 1155 AMERICA MARCHES ON 10 min. sound jh-sh-c-adult \$.25
This is the story of America's growth; how mass production helps everyone. (National Association of Manufacturers)
- So 2557 BATTLE OF BOOKS 8 min. sound (1943) sh-c-adult \$.25
Effectively contrasts the intolerant Nazi attitude toward books and literature with Democracy's attitude. (British Information Service)
- 356 BOOKS—FROM MANUSCRIPT TO CLASSROOM 11 min. silent jh-sh-c-adult \$.25
Tells the story of a textbook; the typesetting, presses, trimming and all other processes in making a book are shown.
- So 4011 BOYHOOD MEMORIES 10 min. sound jh-sh-c-adult \$.50
A resumé of the activities of pupils of the country school house, including the singing of "America." (Cinepix)
- So 1353 BRAZIL GETS THE NEWS 11 min. sound jh-sh-c-adult \$.25
The activities of the editorial and technical departments of a great modern newspaper in Sao Paulo. (CIAA)
- So 1832 CITY WATER SUPPLY 11 min. sound (Good) (Guide) jh-sh \$1.50
Animated drawings describe the relation between rainfall and life; the sources of city water supply—wells, rivers, lakes and watersheds; water-borne disease; and methods of water distribution. Depicts water tunnels and aqueducts; the dependence of cities upon an adequate water supply; and the necessity of safeguarding water sources and distribution. (Erpi)

- So 1463 **FLAGS ON DUTY** *11 min. sound (1941) (Guide) el-jh-sh-c-adult \$1.50*
Shows brilliantly colored flags calling out messages. Use of flags in war time, and some of the more important flags used in the Boy Scout troops. (Frith Films)
- So 2005 **FLATBOATMEN ON THE FRONTIER** *10 min. sound el-jh-sh \$1.50*
Reveals how the early settlers of the Ohio Valley were required to be "Farmer Boatmen" through their dependence on the soil for livelihood and on the rivers for transportation. Good frontier personalities, speech, and music are interwoven throughout. (Encyclopaedia Britannica Films, Inc.)
- So 327 **HERITAGE** *10 min. sound jh-sh-c-adult \$.25*
The early struggles of a pioneering race to bring to modern civilization a heritage of a world enlightened and steadily advancing in everyday living. (Rothacker)
- So 1015 **HOUSING IN OUR TIME** *20 min. sound sh-c-adult \$.25*
The story of housing conditions in our country today and the efforts of the government to correct these situations. (FPHA)
- 771 **IMMIGRATION** *10 min. silent jh-sh-c-adult \$1.00*
Tells the history of immigration in the United States—a review of the laws and admission requirements. (Society for Visual Education)
- So 2013 **LIFE IN OLD LOUISIANA (1830-1850)** *10 min. el-jh-sh \$1.50*
Portrays representative aspects of Louisiana and its key city, New Orleans, during the years of Creole dominance. Historical and regional factors woven into the film story include: the Mississippi River; the packet boats; the delta country; cotton and cane plantations; slavery; education; religion; architecture; music; the "code duello"; Creole customs, manners, and attitudes; and the prevalence of French speech. (Encyclopaedia Britannica Films, Inc.)
- 17 **MARKETING COTTON** *12 min. silent jh-sh-c-adult \$.25*
Coöperative cotton-marketing; the bale from the gin to the mill, or to the seaboard for export shipment. (USDA)
- So 2530 **NEGRO COLLEGES** *11 min. sound (1942) jh-sh-c-adult \$.25*
Wartime activities carried on in America's Negro colleges, from Army classes in automotive mechanics to scientific experimentation in laboratories. (OWI)
- 789 **SEWAGE DISPOSAL** *10 min. silent (Guide) el-jh-sh-c \$1.00*
Purification by Imhoff tank and sprinkling filter; purification by sand filtration; discharging sewage into the ocean with the ebb tide. (Eastman)
- So 1285 **SINGING WHEELS** *24 min. sound jh-sh-c-adult \$.25*
Shows how highway transportation can serve America in war as well as in peace; how the great industry that has put America on wheels is motorizing our military forces. (Auto Manufacturing Association)

- So 1176 SNOW FIGHTERS *10 min. sound jh-sh-c-adult \$.25*
Industrial equipment and motor trucks in snow-removal work.
(International Harvester)
- 114 THROUGH OIL LANDS OF EUROPE AND AFRICA
16 min. silent el-jh-sh-trade-adult \$.25
Opens with panorama of Naples. Views are given of market place of Mezokovesa, Hungary; Hungarian soldiers and people in fete-day costumes. Shows army encampment in Rumania; Rumanian village wedding; making of mats and baskets from reeds grown in Danube swamps; and bee culture; shows a train of oil tankers at Ploesit, an important refining center of Rumania, and a panorama of oil fields at the largest oil center, Moreni, in the Prahova district. (USBM)
- 115 THROUGH OIL LANDS OF EUROPE AND AFRICA
33 min. silent el-jh-sh-trade-adult \$.25
St. Jacob's well, one of oldest in world and over 1,000 feet deep; primitive life of Polish peasants; the Acropolis at Athens; Erechtheion and Parthenon; various Egyptian views; Pyramids and Sphinx; Egyptian wedding procession; entrance to tomb of King Tut-ankh-amen; temples at Karnak. (USBM)
- 113 THROUGH OIL LANDS OF EUROPE AND AFRICA
25 min. silent el-jh-sh-trade-adult \$.25
Shows the oil field at Wietze, Germany; Celle oil field; Pechelbronn field near Strassburg, Alsace, with drill in action, and production of oil by mining oil sands; docks at Havre, France; shipping of oil in Paris by barge on Seine and by truck. Shows scenes in Madrid, and irrigation water wheel outside city, with peasants washing clothes. (USBM)
- So 300 WATER LURE *11 min. sound sh-c-adult \$.25*
Importance of medicinal waters in cultural and recreational development of a country. Atmospheric shots of Warm Springs Foundation. (USDI)
- So 1227 WHILE THE CITY SLEEPS *11 min. sound jh-sh-c-adult \$.25*
Dramatizes the roles of men and trucks in bringing necessities and luxuries to the doorstep of the city dweller, for each new day's life and work. (Ford Motor Company)
- 329 WORLD OF PAPER *15 min. silent jh-sh-c \$.25*
From the beginnings of the art of writing, when primitive man carved in stone, through the Egyptians ages, with their use of papyrus. Reenacts the discovery of paper by the Chinese. Modern paper production and the marvelous, electrically driven machinery which carries a thin ribbon of paper through many tons of steel. (General Electric)
- So 1331 WORLD WE WANT TO LIVE IN, THE
16 min. sound sh-c-adult \$.25
Dictatorships have developed a religious intolerance which has spread alarmingly throughout the United States in spite of efforts of influential groups and people to forestall such developments. (National Conference of Christians and Jews)

So 1342 YOURS TRULY, ED GRAHAM

24 min. sound sh-trade-adult \$.25

A timely, intensely dramatic screen document presenting the human story of typical people and their problems, which all involve one thing—security. Dramatizes many instances where insurance was the boon and where lack of it caused worry and suffering. (Thompson Company)

Historical Events and Personalities

923 AMERICA'S POLAR TRIUMPH

11 min. silent jh-sh-c-adult \$1.00

Admiral Byrd's flight to the North Pole. All of the steps in this perilous and adventurous journey are shown, the difficulties in getting the big Fokker plane across the ice floes of King's Bay; preparation at Spitzbergen, the base of supplies; visits from the Norge with Amundsen and Ellsworth aboard; and their greeting after Byrd's plane has successfully circled the pole. (Eastman)

So 4001 BIRTH OF A NATION, THE

80 min. sound jh-sh-c-adult \$10.00

Sound version, released in 1934, of the original silent production of 1915. (Cinepix)

1550 BOONE, DANIEL

30 min. silent jh-sh-c \$6.00

In 1775, landholders of North Carolina sent Daniel Boone as the forerunner of a new settlement in what is now Kentucky. He establishes Boonesboro, but the colony faces extinction because of sickness and Indian depredation. Boone is captured by the Shawnees. In 1788, a French officer in the British service organizes an Indian offensive against Boonesboro. Boone, meanwhile accepted as a brother by the savages, escapes, races back to his settlement and successfully defends it against a bitter nine-day attack. (Yale University Press Film Service)

So 1921 COLONIAL CHILDREN

11 min. sound (1939) (Guide) el-jh \$1.50

Provides an authentic reproduction of a colonial family's day from the morning chores and breakfast to the reading of the Scriptures by the fireside in the evening. It gives in detail home furnishings, clothing customs, and events with conversations by the cast. (Erpi)

So 1826 COLONIAL EXPANSION

11 min. sound (1942) (Guide) el-jh-sh-adult \$1.50

Colonial development in America from the point of view of the influence of each of the great powers: Spanish, French and English. Traces in detail the struggle for control which finally ended with the English being almost completely supreme. (Erpi)

851 COLONIAL WILLIAMSBURG RESTORED

11 min. silent jh-sh-c-adult \$1.00

The magnificent Rockefeller restoration of this entire colonial city to its ancient character and appearance when, as the capital of the Virginia colony and a center of eighteenth century culture in America, it knew its greatest glory under British sovereignty.

- 1551 COLUMBUS *40 min. silent jh-sh-c \$6.00*
 First seen at the court of King John of Portugal, Columbus discovers the duplicity of this monarch and starts anew on Ferdinand and Isabella of Spain. At first rebuffed, he secures a second interview through the intercession of Juan Perez and wins Isabella's aid. Then comes the departure of his tiny fleet from Palos, the dangers on the high seas and his eventual landing upon Watling Island. (Yale University Press Film Service)
- 1552 DECLARATION OF INDEPENDENCE, THE *30 min. silent jh-sh-c \$6.00*
 The influence of pamphleteers, typified by Thomas Paine and his "Common Sense", the unofficial gatherings of delegates, the concern of John Adams, Franklin and others as to the attitude of France, the proceedings of the Second Continental Congress culminating in the famous session of July 2, 1776, when a unanimous resolution resulting in independence was secured. (Yale University Press Film Service)
- So 1825 DISCOVERY AND EXPLORATION *10 min. sound (1942) (Guide) jh-sh \$1.50*
 Uses animated drawings to describe the North American territory involved during the period of discovery and exploration from 1492 to 1700. Shows routes followed by explorers from the old world in seeking new routes to the East, Spanish conquests, and the mid-continent developments in quest of the beaver. (Erpi)
- 1553 DIXIE *30 min. silent jh-sh-c \$6.00*
 The film traces the experiences of a typical Southern family behind the lines from the time its men ride to the war, to the final months of the struggle. It ends with a re-creation of Appomattox. General Lee representing the unbroken spirit of the South, meets with General Grant and terms of surrender are arranged. (Yale University Press Film Service)
- So 1842 EARLY SETTLERS OF NEW ENGLAND *11 min. sound (1940) (Guide) el-jh-sh-adult \$1.50*
 Reinacts the lot of Salem's hardy pioneers about 1626. Types of people; the proximity of their bark wigwams and dugouts to the seashore; their direct dependence upon the sea and the land for food; the need for mutual assistance; division of labor; care of the sick; problems of crop cultivation; relationships with England; and the background beginnings of American democracy are portrayed. (Erpi)
- So 830 ENGLAND'S CORONATION *10 min. sound jh-sh-c-adult \$.25*
 The coronation ceremonies; procession to Canterbury Cathedral; the crowning of King George VI by the Archbishop of Canterbury; Princess and Peers pay homage to the king; crowning of the Queen; the return to Buckingham Palace. (Mogul Bros.)
- 830 ENGLAND'S CORONATION *5 min. silent jh-sh-c-adult \$1.00*
- 1554 EVE OF THE REVOLUTION, THE *30 min. silent jh-sh-c \$6.00*
 In detail, re-creating scenes incident to the Stamp Act and the stand against "Taxation Without Representation." Also re-creating the "Boston Massacre," the "Boston Tea Party," the Salem Assembly, the rides of Paul Revere and William Dawes, Jr.,

the sharp military clashes at Lexington Green and Concord Bridge and retreat of the British. In short, the most notable events preceding the actual outbreak of the War of Independence. (Yale University Press Film Service)

- 1555 FRONTIER WOMAN, THE *30 min. silent jh-sh-c \$6.00*
This film re-creates the story of the settlement of Watauga in the Tennessee mountains in 1780. The women of the settlement, left with the old men and boys, refuse to call their warriors in the face of an impending Indian attack. Sevier defeats Ferguson at King's Mountain, the turning point of the Revolution in the west. On their return several of the men are killed by Cherokees. The joy of the Watauga women is turned to grief. (Yale University Press Film Service)
- 1556 GATEWAY TO THE WEST, THE *30 min. silent jh-sh-c \$6.00*
Presenting a charming picture of life in Old Virginia. In detail, the experiences of young Colonel George Washington, sent to protest the French occupation of the Ohio Valley. Washington receives a curt refusal. A successful skirmish brings down upon his small force a large body of French reinforcements. He retreats but is forced to stand at "Fort Necessity." To save his command, he surrenders. (Yale University Press Film Service)
- 1557 HAMILTON, ALEXANDER *30 min. silent jh-sh-c \$6.00*
Reveals Hamilton's work during the crucial period immediately following the War of Independence in stabilizing the currency of the new government and formulating its financial system. He is present at Washington's inauguration, and is appointed first Secretary of the Treasury. He at once undertakes to secure adequate revenue through taxation. Opposition to his excise tax leads to open rebellion in western Pennsylvania. He foresees the necessity for the government to regard this as an opportunity to show its strength. (Yale University Press Film Service)
- 804 HATS OFF—STORY OF THE FLAG; THE AMERICAN FLAG
12 min. silent el-jh-sh-adult \$1.00
Designed to teach respect for the flag and to show, through a quick, visualized review of past history, what Old Glory stands for in the hearts of true Americans. From Betsy Ross and George Washington to Roosevelt and General Pershing, America's heroes "come alive" on the screen to teach a careless school boy a lesson in flag etiquette. The pledge of allegiance to the American Flag.
- 41 HISTORIC SCENES ALONG MT. VERNON MEMORIAL HIGHWAY
10 min. silent el-jh-sh-adult \$.25
Contains views of many historic colonial homes and public buildings, and the reenactment of colonial events. (USDA)
- 845 INAUGURATION OF PRESIDENT RAINEY
8 min. silent jh-sh-adult \$1.00
Inauguration of Homer Price Rainey as President of The University of Texas, Austin.
- 1558 JAMESTOWN *40 min. silent jh-sh-c \$6.00*
A faithful impression of the Jamestown settlement in 1612 under the stern rule of Sir Thomas Dale. The daily life of the colonists. The ever-present menace of the Indians whose hostility is ag-

gravated in part by Spanish intrigue. The capture of Pocahontas, her marriage to John Rolfe and the end of Powhatan's war of extermination, factors contributing to the successful establishment of the first permanent English settlement in America. (Yale University Press Film Service)

So 1828 KENTUCKY PIONEERS

11 min. sound (1941) (Guide) el-jh-sh-adult \$1.50

Shows representative aspects of the early pioneering movement into the Kentucky territory. This is the life of our country in the 1780's, picturing travel along the Wilderness Road, the role of the frontier forts, and the settlers' establishment of new homes. Weaving, soap-making, cooking, candle molding, carpentry, cabin construction, schooling and square dancing are among the activities of the time. (Erpi)

So 3016 LAND OF LIBERTY—PART I *20 min. sound sh-c-adult \$2.00*

During the year preceding the opening of the World Fairs in New York and San Francisco, a committee of the motion picture industry produced a film, "Land of Liberty," setting forth the history of the United States and the development of its democratic institutions from the days of the early settlers to the year 1938. The film was made entirely from excerpts from theatrical and non-theatrical films previously produced. An appropriate historical commentary was written by Professor James T. Shotwell and the film was edited into its final form by Mr. Cecil B. deMille with the collaboration of a staff of able assistants. Part I deals with the early colonial history and the development of the Republic to 1805. (Teaching Film Custodians)

So 3017 LAND OF LIBERTY—PART II *20 min. sound sh-c-adult \$2.00*
History of the United States, 1805-1860. (Teaching Film Custodians)

So 3018 LAND OF LIBERTY—PART III *20 min. sound sh-c-adult \$2.00*
History of the United States, 1860-1890. (Teaching Film Custodians)

So 3019 LAND OF LIBERTY—PART IV *20 min. sound sh-c-adult \$2.00*
History of the United States, 1890-1938. (Teaching Film Custodians)

So 1191 LAUNCHING OF THE STEAMER WM. A. IRVIN

5 min. sound jh-sh-adult \$.25

Gives a vivid impression of the launching of one of the larger ore freighters on the Great Lakes. (Pittsburg Steamship Company)

So 1314 LIFE OF THOMAS A. EDISON *11 min. sound el-jh-sh \$.25*
Depicts Mr. Edison's early life and outstanding incidents in his career. (General Electric)

So 1712 OUR BILL OF RIGHTS *20 min. sound jh-sh-adult \$2.00*
Events leading to their adoption; analysis of first ten Amendments. (Academic Film Co.)

So 1713 OUR CONSTITUTION *20 min. sound jh-sh-adult \$2.00*
Constitutional Convention in 1789; drafting of Constitution. Academic Film Co.)

- So 1714 OUR DECLARATION OF INDEPENDENCE
20 min. sound el-jh-sh-adult \$2.00
Events from 1763 to 1776 and prominent characters involved. (Academic Film Co.)
- So 1715 OUR LOUISIANA PURCHASE 20 min. sound jh-sh \$2.00
Dramatizes this important event. (Academic Film Co.)
- So 1716 OUR MONROE DOCTRINE 20 min. sound jh-sh-adult \$2.00
Invocation of doctrine by Cleveland and Monroe. (Academic Film Co.)
- So 1464 PEACE BUILDERS 11 min. sound jh-sh-c-adult \$1.50
Summarizes the historic world conferences of the Allied leaders from the Atlantic Charter Meeting through Ottawa, Cairo, Moscow, Teheran, Hot Springs, Bretton Woods, Dumbarton Oaks, to and including the Crimean Conference. Shows the historic meeting places, the specific programs and actions. (VIB)
- So 1983 PIONEERS OF THE PLAINS 10 min. sound (Guide) el-jh-sh \$1.50
Traces the experiences of a pioneer family in journeying from Illinois to a homestead on the midwestern plains. Dramatic presentation. Conversations and music of the time lend reality. Character portrayal good. Interesting material. Good sound and commentator. (Encyclopaedia Britannica Films)
- 1559 PILGRIMS, THE 30 min. silent jh-sh-c \$6.00
The experience of the Separatists at Scrooby, England, their migration to Holland during 1607-8. Twelve years later, the departure of the devout band for America. The landing on Plymouth Rock. Hardships and suffering during the first winter. The refusal of the Pilgrims to return to England and other incidents revealing their faith and devotion to the ideal of freedom in religious thought and expression. (Yale University Press Film Service)
- So 1829 PLANTER OF COLONIAL VIRGINIA, A 11 min. sound (1940) (Guide) el-jh-sh-adult \$1.50
This film provides an authentic portrayal of life in eighteenth-century Colonial Virginia. In the course of a personalized and integrated story, the following are portrayed: the atmosphere and functions of the tobacco plantation; the significance of Williamsburg as the political and social center of the colony; the roles of the slave, indentured servant, and artisan; methods of manufacture and means of transportation; political and economic factors; practices in medicine and penology; and the costumes, architecture, social customs and music of the period. (Erpi)
- So 1006 PRESIDENT SPEAKS, THE 8 min. sound jh-sh-adult \$.25
Fireside chats on recovery; great number of people at relief agencies; increased number of employed people; need of social security; activities of C.C.C., A.A.A., C.W.A., F.P.W., H.O.L.C., T.V.A., Boulder Dam, P.W.A. (Pictorial Film Library)
- 1560 PURITANS, THE 30 min. silent jh-sh-c \$6.00
Life in early New England, 1630, contrasted with the court of Charles I. The rise of political dissension at home, including the

departure of Roger Williams. The capable leadership of Governor Winthrop in successfully bringing the colony through the dual crisis in its affairs. (Yale University Press Film Service)

- So 4000 ROSS, BETSY *50 min. sound jh-sh-c-adult \$5.00*
 Story of the Revolution and the making of the first American Flag; includes flags of 1812, 1865, 1891, and 1918. (Cinepix)
- So 1051 SPIRIT OF THE PLAINS *11 min. sound el-jh-sh-c-adult \$.25*
 Based upon scenes from several historical films, including Cimarron, The Covered Wagon, and The Plainsman, the reel purports to boil down the spirit of the west into fifteen minutes of celluloid. (Bell and Howell)
- So 3051 STORY OF OUR FLAG *11 min. sound (1939) jh-sh-c-adult \$1.50*
 Follows the evolution of the flag of the United States from the colonial flags to the Stars and Stripes of today. By clever animation, the film shows the development of the western territories into the present states and its significance to the flag. (Knowledge Builders)
- 934 STORY OF THE STAR SPANGLED BANNER;
 THE AMERICAN FLAG *12 min. silent jh-sh-c-adult \$1.00*
 Highlights in the career of Francis Scott Key from boyhood to the War of 1812. His imprisonment on a British frigate; the all-night battle of Fort McHenry at which Key was an agonized spectator. When dawn shows the American Flag still waving over the fort, Key gives poetic expression to his relief by writing the National Anthem.
 The pledge of allegiance to the American Flag.
- 1561 STUYVESANT, PETER *30 min. silent jh-sh-c \$6.00*
 Life in the picturesque Dutch colony under the stern rule of Stuyvesant. The attitude of England toward Dutch colonial ambitions on the Hudson. The growing restlessness of Stuyvesant's citizens under his autocratic administration. (Yale University Press Film Service)
- So 2533 U.S. NEWS REVIEW NO. 2 *11 min. sound (1942) jh-sh-c-adult \$.25*
 A short summary of news ending with the Marine Hymn. (OWI)
- So 2543 U.S. NEWS REVIEW NO. 4 *17 min. sound (1943) el-jh-sh-adult \$.25*
 Shows the raiders of Timor; Army salvage; guarding Britain's books; good news from the fishing front; battle in the Caucasus; "Thingummybob." (OWI)
- 1562 VINCENNES *30 min. silent jh-sh-c \$6.00*
 George Rogers Clark, to rid the country both of Hamilton and of his Indian allies, strikes out from Kentucky and reaches Kaskaskia before cold weather in 1799. Hamilton, protected by a seemingly impenetrable wilderness, feels secure until spring. Grasping his opportunity, Clark presses on across the "Drowned Lands" in the face of tremendous hardships and captures Vincennes. (Yale University Press Film Service)

- 815 WASHINGTON, GEORGE *13 min. silent jh-sh-c-adult \$1.00*
As a gentleman of Virginia, leader of the colonial soldiers, the winter at Valley Forge, as President, etc.
Animated clay model portraits of highlights in Washington's life.
- So 1457 WASHINGTON ON PARADE *11 min. sound (1940) jh-sh-c-adult \$1.50*
What every American should know about our National Capital. (American Films Foundation)
- 458 WASHINGTON—THE GREATEST NATIONAL CAPITAL *10 min. silent jh-sh-adult \$.25*
Washington and its beautiful Federal Buildings, including the White House, the Capitol, Washington Monument; and a trip to Mt. Vernon.
- So 1827 WESTWARD MOVEMENT *11 min. sound (Guide) el-jh-sh \$1.50*
Presents in dynamic animation on a heroic scale the westward migration of people across the United States from the period of about 1790 to 1890. Great masses of data and broad mountain-top views of this greatest and most dramatic of all human migrations are presented. (Erpi)
- 1563 WOLFE AND MONTCALM *30 min. silent jh-sh-c \$6.00*
The acute situation in world politics which prompted William Pitt to send an army overseas under command of General James Wolfe. The situation in New France with General Montcalm hampered by the jealousy of Vendreuil, Governor-General. The military strategy of Wolfe. The occupation of Quebec and the arrival of an English fleet the following spring. (Yale University Press Film Service)
- 1564 YORKTOWN *30 min. silent jh-sh-c \$6.00*
The progress of the War of Independence between January and October, 1782. The problems facing General Washington due to the discouragement and mutiny. The international aspects of the campaign of 1781 and the aid rendered by the French leaders. Washington's march south. The Battle of Yorktown and the subsequent surrender of Cornwallis. (Yale University Press Film Service)

Money and Post Office

- So 284 KNOW YOUR MONEY *16 min. sound jh-sh-c-adult \$.25*
Clearly shows differences between genuine and counterfeit paper money and coins, illustrates methods used by professional passers of counterfeit money, and tells how merchants and others may protect themselves against the counterfeiter—and the forger of government checks. (U.S. Treasury Department)
- So 281 MAKING MONEY AND KNOW YOUR MONEY *25 min. sound jh-sh-c-trade-adult \$.25*
This film shows the production of currency at the Bureau of Printing and Engraving in Washington—how engraving plates are made; how money is printed, examined, and distributed; how worn-out money is taken out of circulation and destroyed; and how torn and burned currency is identified. (U.S. Treasury Department)

- So 320 MEN AND MAIL *35 min. sound jh-sh-c-adult \$.25*
 Traces the gradual growth of the postal system from the time of the Continental Congress to the present-day activities of collecting, sorting, canceling, bagging, and shipping of foreign, domestic, and air mail. (National Federation of Post Office Clerks)
- 995 POST OFFICE, THE *12 min. silent (1938) el-jh \$1.00*
 The complete story of mailing a letter: Jack writes to his cousin in the city; the letter is mailed in the rural post box, is picked up by the rural carrier and brought in to the city post office. Cancellation, sorting, tying, pouching, transportation on the mail car, sorting by clerks and carrier, and the delivery of the letter are all shown. (Educational Film Service)

Reconstruction

- So 347 HANDS *4 min. sound (Guide) sh-c-adult \$.25*
 Through pictures of human hands in action, this short subject tells the story of the depression, shows the tremendous scope of the W.P.A. employment program and its marked impetus to industrial recovery. (W.P.A.)
- So 1236 HURRICANE'S CHALLENGE, A *16 min. sound jh-sh-c-adult \$.25*
 A portrayal of the destruction left in the path of the New England hurricane in 1938, and the tremendous task of reconstruction that followed. (Southwestern Bell Telephone)
- So 260 MAN AGAINST THE RIVER *11 min. sound sh-c-adult \$.25*
 Fire, famine, and disease following the great Ohio valley flood of 1937 shown. W.P.A. employees coöperate with other Federal agencies, local and state organizations in the work of rescue and rehabilitation. (WPA)
- 461 NYA STUDENT AID *10 min. silent sh-c-adult \$.25*
 Work done by students in the N.Y.A. program in colleges. (National Youth Administration)
- So 261 RAIN FOR THE EARTH *16 min. sound sh-c-adult \$.25*
 Dramatic, swift-moving scenes tell a gripping story of man's struggle with the drought in the Great Plains. The W.P.A. coöperates with other Federal agencies in working with the farmers to build dams and reservoirs to conserve the rain when it falls. (WPA)
- So 341 SHOCK TROOPS OF DISASTER *11 min. sound jh-sh-c-adult \$.25*
 W.P.A. workers in New England hurricane of 1938. (WPA)
- So 1324 TRAINING WOMEN FOR WAR PRODUCTION *10 min. sound sh-c-adult \$.25*
 Illustrates how the National Youth Administration's production training program is preparing thousands of women for war industries in such occupations as machine tool operation, mechanical inspection, assembly work, radio, as well as in health and hospital work. (NYA)

- So 1190 WE WORK AGAIN *11 min. sound sh-c-adult \$.25*
 Work of the W.P.A. among the Negroes. (Federal Works Agency)
- So 346 WORK PAYS AMERICA *30 min. sound sh-c-adult \$.25*
 Record of accomplishments under the W.P.A. employment program. (WPA)
- So 1325 YOUTH, JOBS, AND DEFENSE *12 min. sound sh-c-adult \$.25*
 Depicts briefly how the N.Y.A. is providing young people with practical experience and training for jobs in war industries. (NYA)

TEACHER TRAINING—Vocational Guidance

So 1958 ADVANCED TYPING: SHORTCUTS

37 min. sound sh-c-adult \$3.00

Stresses the importance of good posture and proper arrangement of equipment. Demonstrates how to type columns of figures, use carbons, make neat erasures, type cards, envelopes, labels, stapled forms, and draw lines on the typewriter. (Castle Films)

So 3046 AND SO THEY LIVE

25 min. sound (1940) (Guide) sh-c-adult \$2.50

Designed to illustrate the unsatisfactory relationship between education and the local necessities of life which characterize American education in many parts of the country. They are authentic records of people living their usual lives. (NYU)

So 2788 AUTOMOTIVE SERVICE *10 min. sound jh-sh-trade-adult \$1.50*

This film uses photography and narration to explain the requirements and advantages of automotive service as a prospective vocational field for boys. The development of automobiles is sketched from the early models, and the narrator explains that our increased use of autos in modern life has resulted in a greater need for men experienced in the work of repairing and servicing them. Various specialized shop jobs are shown, with the explanation that many service men in time become specialists since general service training is a basic requirement for all specialized jobs. (VGF)

So 1957 BASIC TYPING: METHODS *30 min. sound sh-c-adult \$3.00*

Traces the development of the typewriter and shows the techniques of typing; posture and position, principles of the keyboard, method of striking keys, proper feeding of paper. (Castle Films)

So 742 CAMPUS FRONTIERS

17 min. sound (1942) jh-sh-c-adult \$.25

Scenes shift from the Antioch College campus in Yellow Springs, Ohio, to the New York skyline, Kansas wheatland, Pittsburgh smokestacks, to busses, trains, airplanes, and back to classrooms. After introductory campus scenes, students are shown at work on some sixty jobs in three major areas: business, social science, and industry and research. Between each group of jobs, scenes on the campus show how the job experience invigorates classroom study; how it gives students a background for running their own \$25,000 business of Community Government; above all, how it equips them to govern themselves to fulfill their birthright as Americans to shape the lives they live. (Antioch College)

So 3040 DENTISTRY AS A CAREER

20 min. sound (1940) jh-sh-c \$2.00

Presents an interesting study in the education of young men for the dental profession. (McCrum)

So 1939 DRAFTSMAN, THE

10 min. sound (1942) (Guide) jh-sh \$1.50

Presents the graphic language of lines and symbols of the draftsman. The steps necessary in the preparation of plans for a building are presented. Shows the various kinds of drafting used,

from free-hand sketches to detailed finished drawings, each phase of the development being handled by men trained for particular types of detailed work. (VGF)

- So 1935 **ENGINEERING** 11 min. sound (1942) (Guide) *jh-sh* \$1.50
Shows the work being done in the fields of civil, structural, hydraulic, sanitary, mechanical, combustion, machine design, refrigeration, heating, and ventilating engineering. (VGF)

- So 1933 **FINDING YOUR LIFE WORK** 22 min. sound (1940) (Guide) *jh-sh-adult-trade* \$2.00
A man is seen fishing, and the commentator compares an experienced fisherman and his special bait with a boy looking for a job. The boy must use the baits of personality, training, and experience. (VGF)

- So 1883 **HOME NURSING** 11 min. sound *jh-sh-c* \$1.50
Demonstrates factors involved in the hygienic care of a home patient after instruction from a visiting nurse. Bathing and moving the patient in bed, arranging the bed; and generally making the patient comfortable are shown. Taking of temperature, pulse and respiration rates, and their recording; medications; visits by the doctor, and helping the patient gradually to regain strength conclude the presentation. (Erpi)

- So 1936 **JOURNALISM** 11 min. sound (1940) (Guide) *jh-sh-c-trade-adult* \$1.50
Story begins with scene in a newspaper office and then shows the varied lives of newspaper reporters. Takes up the processes of editing, setting up, and printing the paper. Outlines one by one the departments of sports, finance, society, critical writing, columnists, editorial writers, political writers, and feature writers. Analyzes general abilities needed for newspaper work in all branches. (VGF)

- So 1955 **MACHINE TRANSCRIPTION: MACHINE OPERATION** 15 min. sound *sh-c* \$1.50
Explains the purpose of the dictating and transcribing machines, and demonstrates the operation of the Dictaphone and Ediphone types. Demonstrates reshaping a cylinder, how to set controls and the proper method of removing the cylinder from the machine. (Castle Films)

- So 1956 **MACHINE TRANSCRIPTION: TRANSCRIPTION TECHNIQUE** 21 min. sound *sh-c* \$2.25
Demonstrates the proper method of phrasing, how to control and phrase dictation at various speeds, how to prepare for a day's work, compose a letter and correct errors in the transcription on the cylinder. (Castle Films)

- So 2014 **THE MACHINE MAKER** 10 min. sound *el-jh-sh-c-adult* \$1.50
Demonstrates the manufacture and operation of lathes, millers, planers, drill presses, boring mills, grinders, and other machines. Reproduces workers' conversations on technical problems. Provides close-ups of checking and assembly line operations. Conversations in a machinist's home focus attention on conveniences

made possible by mass production. Scenes in an automobile factory show the flow of machine-tooled parts in the manufacture of cars. (Encyclopaedia Britannica Films, Inc.)

568 MAN'S GREATEST HERITAGE

10 min. silent (Excellent) jh-sh-adult \$.25

Presents the art of writing—our alphabet is man's greatest invention—traces the steps in its development.

So 4105 MARCH OF THE MOVIES 58 min. sound jh-sh-adult \$10.00

The development of motion pictures, from the time of Rameses to the perfected sound films of today, including the Egyptian Zoetrope, the Kinematograph, the Cinemascope, the Kinetoscope, the Mutoscope. Outstanding stars of the silent motion pictures: John Bunny and Flora Finch, Mary Pickford, Mabel Normand, Lillian Gish, Lionel Barrymore, Mae Marsh, Sidney Drew, in "shots" from their first pictures; scenes from "The Birth of a Nation"; also shots of Charles Ray, Rudolph Valentino, Milton Sills, Charles Chaplin, Lloyd Hamilton, Wm. S. Hart, Dorothy Gish, Dick Barthelmes, Harold Lloyd, Polly Moran, Marie Dressler, Louise Fazenda, Buster Keaton, and Lon Chaney. (Cinepix)

So 2016 MODERN LITHOGRAPHER, THE

11 min. sound jh-sh-c-trade \$1.50

Depicts the techniques of lithographic artists and the processes of duplicating black and white and color originals by means of direct and photo-offset lithography. The roles of the commercial photographer and the modern printing press in the mass production of attractive art prints including advertising materials, are portrayed. The relation of commercial art to problems of present-day living is indicated. (Encyclopaedia Britannica Films)

So 1937 NURSING 11 min. sound (1942) (Guide) sh-c \$1.50

Shows nurses at work in many different jobs—operating rooms, as X-ray helpers, as school nurses, and in various visiting nursing bureaus. (VGF)

So 1970 OLD TIME MOVIES, YESTERDAY LIVES AGAIN

10 min. sound (1937) jh-sh-adult \$1.50

Priceless historic films brought to life again from negatives taken thirty years ago: Lillian Russell, Andrew Carnegie, William Jennings Bryan, Teddy Roosevelt, Caruso, The Kaiser, sinking of an Austrian battleship. (Castle)

So 1898 OVERCOMING THE LIMITATIONS TO LEARNING

30 min. sound (1936) sh-c \$3.00

Based upon research and experimentation, this picture depicts methods of using the sound film in the classroom. Units of instruction at the intermediate, junior and senior high school levels are shown. The parts played by the teacher, the pupils, and the sound film are illustrated in the study of "Plant Growth," "Sound Waves and Their Sources," "Work of Rivers," and other subjects. (Erpi)

TEACHING WITH SOUND FILMS (Reel 3) 10 min. \$1.50

- So 1252 POP RINGS THE BELL *20 min. sound jh-sh-c \$.25*
 It is based on the proven fact that a better-educated citizenry is more productive and has larger purchasing power, and, consequently, can buy more and better homes, household furnishings and appliances, clothing, food, toilet goods, newspapers, books, magazines, automobiles, etc.; carry larger bank accounts; afford more personal services, such as medical and dental care, legal fees, entertainment and travel; give greater support to churches, hospitals, libraries, and still better schools. (National School Service Institute)
- So 2600 SCHOOLS TO THE SOUTH *12 min. sound (1943) el-jh-sh-c-adult \$.25*
 A study of the schools in Latin-American countries, showing how their schools are becoming more like ours to bring a new unity between the Americas. (CIAA)
- 453 STORY OF MY LIFE, THE *20 min. silent el-jh-sh-adult \$.25*
 An elementary geography text film prepared by the Thom McAnn Shoe Stores, in coöperation with Rita Hochheimer, Assistant Director of Visual Education of New York City, and Emily Anson. (Melville Shoe Co.)
- 810 TEACHING BEGINNERS HOW TO TYPEWRITE *13 min. silent (Guide) jh-sh-adult \$1.00*
 Clearly illustrates the fundamentals of correct typewriting technique, presenting proper position and action. (Dr. Cadisch)
- 900 TEACHING WITH MOTION PICTURES *12 min. silent sh-adult \$1.00*
 Effective techniques for utilizing film in the classroom.
- So 1938 WOODWORKER, THE *10 min. sound (1940) (Guide) jh-sh-c-trade-adult \$1.50*
 Points out that the many phases of the building industry employ thousands of men who work with wood. Furniture, mill work, and pattern-making establishments employ wood working craftsmen in large numbers. (VGF)

Spanish Commentary Films

- So 7001s AIRACOBRA *25 min. sound sh-c-adult*
 Spanish commentary. A record of the combat performance of this famous interceptor pursuit ship. Engine placement behind the pilot, taxiing through deep mud, machine guns and cannon being loaded, actual flight and many other scenes are shown. Also brief scenes of the Bell aircraft plants at Buffalo and Niagara Falls are shown. (CIAA)
- So 7002s ART DISCOVERS AMERICA *9 min. sound sh-c-adult \$.25*
 Spanish commentary.
- So 3800s BUENOS DIAS, CARMELITA *17 min. sound (1940) (Guide) jh-sh-c \$2.00*
 A dramatization of the function of language as a means of lively communication with a review of the numbers, calendar, and clock phrases. (Baptista)

- So 7003s **CAMPUS FRONTIERS** *17 min. sound sh-c-adult \$.25*
 Spanish commentary. (For description see English description of "Campus Frontiers"). (CIAA)
- So 7004s **CHILD HEALTH CONFERENCE** *11 min. sound sh-c-adult \$.25*
 Spanish commentary.
- So 231s **4-H CLUBS EN EL SUELDO DE CORNADO**
15 min. sound jh-sh-c-adult \$.25
 A presentation of the work, pleasures, and accomplishments of the 4-H Club of New Mexico, its influence on the people, and the beautiful natural scenery of the country. All dialogue in Spanish. (USDA)
- So 7005s **IT'S EVERYBODY'S WAR** *16 min. sound sh-c-adult \$.25*
 Spanish commentary. (For description see English description of "It's Everybody's War"). (CIAA)
- So 7000s **MEN IN ACTION** *17 min sound sh-c-adult \$.25*
 Spanish commentary.
- So 7006s **PARACHUTE ATHLETES** *sound sh-c-adult \$.25*
 Spanish commentary.
- So 7007s **A SHIP IS BORN** *14 min. sound sh-c-adult*
 Spanish commentary.

Supervisory

- So 2801 **EVERY MINUTE COUNTS** *10 min. sound trade-adult \$1.50*
 A supervisor becomes worried because of absenteeism and tardiness in his department. His superintendent points out many of the causes, and the supervisor takes steps to remedy them. (USOE)
- So 2793 **GIVING A SHOP DEMONSTRATION**
18 min. sound trade-adult \$2.00
 An instructor assembles tools and materials in preparation for his class, which will learn how to stretch metal around a bending form to make the sides of a parts tray. The picture covers the demonstration by the teacher which must precede practical work by the class. It follows every step as the instructor demonstrates the proper methods to be used. He explains every move. Questions are asked by the teacher and the students during the course of the work. (Jam Handy)
- So 2805 **IMPROVING THE JOB** *9 min. sound trade-adult \$1.50*
 A supervisor asks one of his workmen for suggestions for preventing waste. The workman explains the situation to members of his family at home and methods of improving the job so as to prevent waste are brought out. (USOE)
- So 2797 **INSTRUCTING THE WORKER ON THE JOB**
14 min. sound trade-adult \$1.50
 A new girl worker is told how to do a job on the drill press. She fails to master the job and is then shown how to do it. This does not work and in distress she leaves the machine. The supervisor

then does a careful job of instructing the next girl who becomes a competent operator. Thus the difference between telling, showing, and instructing is made clear. (USOE)

So 2794 INTRODUCING THE NEW WORKER TO HIS JOB

16 min. sound trade-adult \$1.50

A new worker is being started on his job. First, the induction is done very poorly. This becomes apparent as the new worker shows considerable dissatisfaction with his treatment. Then, the same job is done over again, but this time it is done as it should be. The difference between the first and second ways of inducting the worker is obvious. (USOE)

So 2807 MAINTAINING GOOD WORKING CONDITIONS

9 min. sound trade-adult \$1.50

Several cases where improvement in working conditions resulted in increased production and better satisfied workers are enacted. The importance of the part played by supervisors in maintaining good working conditions is emphasized. (USOE)

So 2808 MAINTAINING QUALITY STANDARDS

10 min. sound trade-adult \$1.50

Various scenes emphasize the nature of quality standards. The role of the supervisor in maintaining quality as well as quantity is made clear by incidents involving poor instructions, carelessness, and lack of pride in good workmanship. (USOE)

So 2798 MAINTAINING THE WORKER'S INTEREST

13 min. sound sh-trade-adult \$1.50

Various workers are shown doing poor work because their jobs hold no interest for them. The point is made that the supervisor should be alert to detect and remedy these situations whenever possible. (USOE)

So 2809 A NEW SUPERVISOR TAKES A LOOK AT HIS JOB

13 min. sound sh-trade-adult \$1.50

A young workman has just been made a line supervisor. In an interview with the superintendent, he is shown that in his new job, he must learn to get results by working with people instead of machines. The importance of the human element in supervision is brought out. (USOE)

So 2799 PLACING THE RIGHT MAN ON THE JOB

12 min. sound sh-trade-adult \$1.50

Several workers who are misfits on the jobs they are doing are reassigned to different jobs resulting in happier workers and increased production. The necessity for taking into account individual differences is clearly indicated. (USOE)

So 2806 PLANNING AND LAYING OUT WORK

10 min. sound sh-trade-adult \$1.50

A number of dramatized incidents point up the importance of careful planning before starting a job. The serious results of poor planning or no planning at all are demonstrated. (USOE)

So 2804 SUPERVISING WOMEN WORKERS

10 min. sound trade-adult \$1.50

A line supervisor discusses with a foreman his problem in supervising the women in his department. The fact is brought out that the same rules apply in supervising both men and women. Women, however, haven't the same background of industrial experience and very often have more home responsibilities than men. These facts must be taken into account by the supervisor. (USOE)

So 2800 SUPERVISING WORKERS ON THE JOB

10 min. sound trade-adult \$1.50

Various kinds of poor supervision practices are shown, among them nagging, snooping, etc. By dramatized incidents, the poor results of these methods are made apparent and the better ways indicated. (USOE)

So 2795 THE SUPERVISOR AS A LEADER (PART I)

14 min. sound trade-adult \$1.50

Several workmen are asked what they consider to be the qualifications of a good supervisor. To them, the four most important are: Always keep promises. Never take credit for someone else's work. Don't pass the buck. Don't play favorites. (USOE)

So 2796 THE SUPERVISOR AS A LEADER (PART II)

13 min. sound trade-adult \$1.50

Four supervisors discuss the qualities of leadership. Dramatized incidents make clear what they mean. One man lets his job go to his head. Another goes to pieces under pressure, he can't control himself. In other incidents, it is pointed out that the good supervisor is not afraid to praise his men for work well done and that he is loyal to them. (USOE)

So 2792 TIPS FOR TEACHERS

20 min. sound c-adult \$2.00

Dramatically presents on the screen the "P's" of good teaching. Explains the place and value of the teacher's Personality, dramatizes the importance of Preparation, and gives a living example of how the Presentation of the material is best accomplished. The photography is in the classroom. Interesting analogies are introduced to show how the teacher must use salesmanship, showmanship, and the ability of an actor to help in shortening the learning process. (Jam Handy)

So 2802 USING VISUAL AIDS IN TRAINING

14 min. sound sh-trade-adult \$1.50

An instructor, teaching his class the use of the micrometer, follows a carefully planned procedure involving the use of a visual aids unit: that is, a training motion picture, a coordinated filmstrip, and an instructor's manual. (USOE)

So 2803 WORKING WITH OTHER SUPERVISORS

8 min. sound trade-adult \$1.50

Several supervisors discuss Larry, one of their colleagues who has been unable to work harmoniously with them. The question is raised—What can be done about Larry? (USOE)

WAR INFORMATION

Air Corps

- So 4625 **ARMY AIR FORCES REPORT** *40 min. sound sh-c-adult \$.25*
Brings the American War worker all the facts included in Genl. Henry H. Arnold's official report to the Secretary of War. Shows graphically the spectacular development of our Air Forces, contains some of the most unusual combat sequences ever filmed. This official report tells the whole of the Air Forces story—the job done by American Workers, fliers, and ground crews in making the Army Air Forces the tremendous combat machine it is today. (OWI)
- So 1028 **BISMARCK SEA VICTORY** *10 min. sound (1943) jh-sh-adult \$.25*
Fly with MacArthur's fighting Yanks as they make history! American bombing crews view the vast Jap Armada, and bomb ship after ship in the Nip flotilla to destruction. (Castle)
- So 2624 **COMBAT REPORT** *13 min. sound sh-c-adult \$.25*
A bomber sinks an enemy submarine. The men of the combat crew take the plane into action, but they would have been helpless without the devotion and skill of the men who built it for them. How fifty designers planned the shape and size of the bomber, and how blueprints were made of each of the 1,000 parts—each in turn requiring men and women workers to manufacture and assemble—is pictured. A photographic communique reenacting an actual engagement of an Army bomber sinking a submarine. Flashbacks dramatize production of vital aircraft equipment. (OWI)
- So 2550 **DAY OF BATTLE** *10 min. sound (1943) jh-sh-c-adult \$.25*
This is the story of an aircraft carrier—how she was built and how she was destroyed in battle against the Japanese in the South Pacific. It is a camera record of American iron one-steel-tungsten-manganese, American courage, brought together for a few supreme hours to make an important day in American history. (OWI)
- So 2564 **MISSION ACCOMPLISHED** *11 min. sound (1943) sh-c-adult \$.25*
A dramatic and vivid portrayal of one of our bombers receiving orders, preparing for flight, hitting the target and reporting—"Mission Accomplished." (OWI)
- So 4623 **OUT OF BED INTO ACTION** *30 min. sound sh-c-adult \$.25*
This film deals with the rehabilitation of hospitalized Army Air Force personnel. It is an excellent subject showing how the program is aimed at taking a person's mind off his infirmity and directing his attention to getting well. It shows how muscles are kept toned and why, how a person's mind is kept occupied and why, and how the coöperation of the patient himself will cut down time spent in the hospital and will snap him out of bed into action. (OWI)

- So 2561 PILOT IS SAFE, THE 9 min. sound (1943) sh-c-adult \$.25
An episode showing how an R.A.F. man who "ditches" in the sea is saved by his rubber dinghy until he can be picked up by a rescue boat. (British Information Service)
- So 2620 RADIO OPERATOR 20 min. sound sh-c-adult \$.25
This excellent film gives a brief description of the training given to the radio operator, with emphasis on the importance of that training, showing how it fits him for the responsibilities of active duty on bombardment aircraft. (OWI)
- So 2577 SURVIVAL OF THE FITTEST 18 min. sound sh-c-adult \$.25
The purpose of this film is to show the over-all function of the physical training program and physical fitness program of the Army Air Forces. The scenario relates this background of physical conditioning to the stamina that enables Air Force men and women—officers and enlisted personnel—to carry on under the most trying and most exhausting conditions. Throughout the telling of this incident, a series of flashbacks depicts the various calisthenics and games which are used to condition all Air Force personnel against the arduousness of just such real life experiences. (OWI)
- So 2567 TARGET—BERLIN 17 min. sound jh-sh-c \$.25
Here is a good film that tells how Canada mobilized her strength to turn out giant bombers in a plant that had previously made only light aircraft. The Lancaster, the longest range bomber in the world, called for the skills of thousands of men. People came from all parts of Canada to build her and in this sense the ship represents a cross-section and symbol of the whole country. (OWI)
- So 2563 VIA PERSIA 8 min. sound (1943) sh-c-adult \$.25
Army Film Unit production with diagram maps, shows transportation of heavy war material through Iran for Russia. (British Information Service)
- So 2549 WINGS UP 15 min. sound (1943) jh-sh-c-adult \$.25
Shows the strenuous training the United States gives its flyers before going into combat duty. Clark Gable, commentator. (OWI)
- So 2518 WINNING YOUR WINGS 17 min. sound (1942) jh-sh-c-adult \$.25
Lt. James Stewart of the U.S. Army Air Corps explains the work of the air force, the requirements for enlistment, and the benefits to be derived from the program. (OWI)
- So 1029 YANKS BOMB TOKYO 10 min. sound (1943) jh-sh-c-adult \$.25
Thrilling record of Doolittle's historic flight! Shows the amazing details of the start of the Tokyo raid! The guns of the storm-tossed "Shangri-La" blast a Jap patrol boat from the sea—then the take-off of the giant bombers. (Castle)

America (Miscellaneous)

So 4617 BATTLE WRECKAGE 10 min. sound *jh-sh-c-trade-adult* \$.25
The story of how weapons and material of all kinds become casualties of war. (OWI)

So 2619 CAVALCADE OF THE AMERICAN MERCHANT MARINE
22 min. sound *sh-c-adult* \$.25

The rough road the American Merchant Marine has travelled to gain the important place it has today in maintaining our security and prosperity from the early days of sailing vessels to the present is clearly depicted in this history of the American Merchant Marine. (OWI)

So 2621 FIRE POWER 10 min. sound *sh-c-adult* \$.25

The film describes Fire Power as the striking power of any fighting force. The Ordnance officers of both Army and Navy are shown at the drafting boards and proving ground tirelessly designing and building the weapons that will win the war. The film ends with a montage sequence of land, sea, and air weapons firing a tremendous salvo of the Fire Power that will eventually win the war. (OWI)

So 2591 IN THE WAKE OF THE ARMIES 14 min. sound *sh* \$.25

Opening with scenes of the November, 1943, conference in Washington, this film briefly explains the purpose of the United Nations Relief and Rehabilitation Administration. It points out that our future lies in our answer to the destruction and poverty in Europe—in UNRRA lies the first step toward bringing the people of Europe a freedom from fear and want upon which our own freedoms depend. (OWI)

So 2516 MEN AND THE SEA 11 min. sound (1942) *jh-sh* \$.25

Pictures the training of the men on the cargo ships. Ships must be built and crews must be built too. Emphasized throughout the picture is the thoroughness of the training received by sailors and officers. (OWI)

So 2569 NEGRO SOLDIER, THE 40 min. sound *jh-sh-c* \$.25

This is a documentary film depicting the role of the Negro in the current war and in the development of the United States. It was produced for the Special Services Division of the U.S. Army under supervision of Colonel Frank Capra. A 15-man crew, including such professionals as Lt. Paul Vogel, Universal cameraman, and Stuart Heisler, who directed "Biscuit Eater," toured the country for shots of camp life, basic training and simulated warfare. These sequences, together with recreations of historical events and footage from newsreels, are given continuity as illustrations of a preacher's sermon to his congregation. (OWI)

So 1056 ON THE WESTERN FRONT

20 min. sound (Good) *jh-sh-c-adult* \$.25

A documentary film made up in a manner of a March of Time with an appeal to the American people to aid China in its fight for democracy. Historic events of the World War II are portrayed to show the significance of the situation with respect to the American people. (OWI)

Army

So 1024 McARTHUR, AMERICA'S FIRST SOLDIER

10 min. sound (Good) *jh-sh-c-adult* \$.25

This is a record of the peak moments of General McArthur's fighting career: in France during the last war; sworn in as chief-of-staff; an observer in France and in Germany; stationed in the Philippines; sent to Australia; also the bombing of Manila, declared an open city by General McArthur. (Castle)

So 2536 PARATROOPS

10 min. sound (1943) *jh-sh-adult* \$.25

The training of our parachute troops, including those trained again as para-ski-troops. (OWI)

So 2501 RING OF STEEL 10 min. sound (1942) *jh-sh-c-trade-adult* \$.25

Pictures the American soldiers as they are now, carrying on the traditions of past accomplishment. Shows scenes of battle grounds famous in American history and outlines the part the American soldier has played in the growth of the nation. (OWI)

So 2542 SWIM AND LIVE

22 min. sound (Excellent) (1943) *jh-sh-c-adult* \$.25

Photographed at Miami Beach, Florida, this film shows how the Army is training its men to swim so that they may live. (OWI)

So 2503 TANKS

10 min. sound (1942) *jh-sh-c-adult* \$.25

Graphically describes the manufacture of the M-3 medium tank, which was photographed at the new Chrysler tank arsenal near Detroit and at Fort Knox, Kentucky. (OWI)

So 2541 TROOP TRAIN

11 min. sound (1943) *jh-sh-c-adult* \$.25

Shows with dignity and a sense of human worth how troops are transported with equipment and all necessary supplies by train from one part of the country to another. (OWI)

So 1020 YANKS INVADE AFRICA 10 min. sound *jh-sh-c-adult* \$.25

On the spot record of American troops in the world's greatest seaborne invasion—opening the Second Front! Yanks swarm ashore in new type invasion barges—occupation of Oran. (Castle)

Britain and Canada

So 1061 ACK ACK

10 min. sound *jh-sh-c-adult* \$.25

Story of an anti-aircraft gunnery unit as told by a former shop-keeper now an Ack Ack gunner. Explains to laymen the training, organization, routine and duties of an Ack Ack crew. The anti-aircraft unit goes into action against enemy planes. (British Information Service)

- So 2558 BRITAIN'S PARATROOPS
10 min. sound (1943) jh-sh-c-adult \$.25
 Reportage by Bob Considine of the training of parachute troops and their functions in warfare. Many interesting scenes of parachutists learning and in rehearsal for their dangerous and important combat duties. (British Information Service)
- So 410 CANADA—THE FIGHT FOR LIBERTY
35 min. sound (Good) sh-c-adult \$.25
 Outlines the course of events from August, 1940, through the succeeding year; the strategy of hemisphere defense; and the close coordination of politics and action carried on by Britain, Canada, and the United States. Includes the most important events in the air war over western Europe, the Balkan and African campaigns, and the Battle of the Atlantic, as well as a survey of Canada's war program in relation to Britain and the United States. (Canadian Government)
- So 1052 COASTAL DEFENSE *11 min. sound jh-sh-c-adult \$.25*
 Shows how the coast of Britain is guarded against invasion. Several spectacular sequences of air attacks on ships at sea reproduced. (British Information Service)
- So 2552 DESERT VICTORY
62 min. sound (Excellent) (1943) sh-c-adult \$.25
 This highly dramatic film on desert warfare is the official British Army record of General Montgomery's advance from El Alamein to Tripoli, produced by soldier cameraman who fought and marched with the British Army on the 1,300-mile trek across the sands of the Western Desert. (OWI)
- So 1063 HER FATHER'S DAUGHTER *10 min. sound sh-c-adult \$.25*
 Shows how completely the women of Britain are stepping into war factories in order to release manpower for the battle fronts. Centers around one girl who gives up her comfortable pre-war life to take her place as a factory engineer. (British Information Service)
- So 1054 INTO THE BLUE *11 min. sound jh-sh-c-adult \$.25*
 The film shows the entire training period of the pilots, the gunners, and the observers of the Royal Air Force. (British Information Service)
- So 2527 LISTEN TO BRITAIN *20 min. sound (1942) jh-sh-c-adult \$.25*
 Provides a remarkable factual record of many sounds and sights of wartime Britain. The film has no dialogue; the audience literally listens to Britain; to the rumble of tanks; the roar of Spitfires; the singing of the larks; the shouting of children. (OWI)
- So 2571 LONDON FIRE RAIDS *12 min. sound (1941) jh-sh-c-adult \$.25*
 Photographed during the fire raid on the City of London the night of December 29, 1940. Opening sequences are taken on the roof of St. Paul's Cathedral and one sees the firemen working in the midst of the blazing buildings and streets. (Gutlohn)

- So 2559 NIGHT SHIFT *10 min. sound (1943) sh-c-adult \$.25*
 In England, women are working in war industries as much as men. They are on night as well as day shifts. This is an impression of one night in an arms factory where most of the employees are women. (British Information Service)
- So 2560 ORDINARY PEOPLE *30 min. sound sh-c-adult \$.25*
 A report on the ways,—some curious, some funny, some quietly heroic,—in which the ordinary people of England adjusted to the disruptions and dangers and tragedies of the blitz. There is a court which recesses to the cellar and continues in session; some scenes in bomb shelters, in department stores, and in the homes of bomb victims. (British Information Service)
- So 1065 ROYAL AUSTRALIAN NAVY *8 min. sound jh-sh-c-adult \$.25*
 Shows naval training aboard the H.M.A.S. Cerebus. Detailed explanation of work at the Schools of Engineering, Signals, Torpedoes, and Gunnery, including the mechanism of control towers and sighting. (British Information Service)
- So 2562 SHE SERVES ABROAD *8 min. sound (1943) sh-c-adult \$.25*
 The women of the Middle Eastern forces—W.R.N.S., W.A.A.F., A.T.S., ambulance drivers, nurses—who serve in equal partnership alongside the fighting men. (British Information Service)
- So 2504 TARGET FOR TONIGHT *50 min. sound (1941) jh-sh-c-adult \$.25*
 An account of an actual air raid by the Bomber Command of the R.A.F. Begins with new aerial photographs of enemy territory brought back by reconnaissance planes, which disclose the objective to be bombed. (OWI)
- So 2532 THOUSAND DAYS, THE *20 min. sound (1942) sh-c-adult \$.25*
 A film about Canada and her first thousand days at war. It gives America a better understanding of our neighbors to the North and the contributions they are making to a United Nations victory. (OWI)
- So 1053 TRANSFER OF SKILL *10 min. sound sh-c-trade-adult \$.25*
 The film shows how British craftsmen have transferred their skill and ability to wartime needs. (British Information Service)
- So 1066 W.R.N.S. *10 min. sound jh-sh-c-adult \$.25*
 Shows the activities of women who have joined the Women's Royal Naval Service (Wrens). Duties and routines similar to those of the W.A.C.'s. (British Information Service)
- So 1067 W.V.S. *13 min. sound jh-sh-c-adult \$.25*
 The activities of the Women's Voluntary Services in wartime Britain, as told by an American woman journalist; innumerable jobs performed by the volunteers, such as setting up sorting depots for clothes; mending oilskins for the Merchant Navy, looking after blitzed families, driving ambulances, arranging salvage dumps, billeting evacuated families. (British Information Service)

- So 2572 WAR AND ORDER 13 min. sound (1941) sh-c-adult \$.25
This is a most interesting picture of the police force in wartime Britain. It shows the duties of the "Bobbies" in peacetime and then shows their duties as a result of the war. (Gutlohn)
- So 2573 WOMEN AT WAR 10 min. sound (1941) sh-c-adult \$.25
Shows the many kinds of work women are doing in wartime Britain, in the Army, Navy, R.A.F., and in civilian duties. (Gutlohn)
- So 1068 YOUNG VETERANS 12 min. sound jh-sh-c-adult \$.25
Shows the sudden conversion of England's young men into England's marching army. How the life of every Englishman was changed by the war. (British Information Service)

Coast Guard

- So 1391 COAST GUARD ACADEMY 16 min. sound jh-sh-c-adult \$.25
Illustrates the various activities comprising student life at the Coast Guard Academy at New London, Connecticut. Drills, study periods, training in small boats, machine shops, living quarters, sports, and social activities are depicted. (U.S. Coast Guard)
- So 2576 COAST GUARD SPARS 6 min. sound jh-sh-c \$.25
A story of the training, work, and contribution of the women of the Coast Guard. Especially interesting to those considering enlisting for military service, but enlightening to everyone. (OWI)
- So 1393 MEN OF THE COAST GUARD 28 min. sound jh-sh-c-adult \$.25
Coast Guard training and activities, which emphasizes the need for trained officers and men. Also a presentation of the chase and capture of gun runners through the efforts of the Coast Guard Intelligence Department. (U.S. Coast Guard)
- So 1392 OFF-SHORE PATROL 10 min. sound jh-sh-c-adult \$.25
Covers the duties of the Coast Guard on International Ice Patrol off the Grand Banks of New Foundland (U.S. Coast Guard)

Foreign Countries

- So 4596 BATTLE OF BRITAIN 50 min. sound sh-c-adult \$.25
One of the most exciting films to come out of the war—the picture story of the Luftwaffe's terrible assault on Britain and how "the few" to whom so many owe so much beat it back. The Battle of Britain is the fourth of the "Why We Fight" series of feature films. Day and night bombings, aerial dog fights, and the "great fire blitz" on London are only a few of the thrilling highlights. The film brings home to American workers the full meaning of modern all-out war. (OWI)
- So 2625 BATTLE OF MIDWAY 11 min. sound sh-c-adult \$.25
Maps point out the position of Midway and aerial views give a good picture of the island in normal times. There are scenes of Marines marching with their flags. Island birds add to the picturesqueness of the island. The picture is especially adapted with special commentary to illustrate the part industry and labor played in this victory. (OWI)

- So 4595 **BATTLE OF RUSSIA** *90 min. sound sh-c-adult \$.25*
 The fifth film in the "Why We Fight" series contains some of the most spectacular combat pictures to come out of the war. After showing the historical background of Russia, how the Russians live, work, and play, how they swarmed to the defense of their country when Hitler struck, the film goes into major battle actions on the Eastern Front. The full story of the attack on Leningrad, the siege, and the final lifting of the siege as troops and supplies were rushed across the ice of frozen Lake Ladoga is vividly told. The film comes to a climax with the surrender of the German armies in the great Russian victory at Stalingrad. (OWI)
- So 748 **BIR HACHEIM** *10 min. sound jh-sh-c-adult \$.25*
 Trucks in the desert; mass held in desert to honor soldiers killed at Bir Hacheim, attended by General de Larminat; General Catroux congratulates survivors; Hadfield Spears Hospital; fighting French pursuit squadron "Alsace"; pilots in the desert preparing for take-off; fighting French tank unit leaving on maneuvers. (France Forever, Inc.)
- So 4594 **THE CALLS THAT CURE** *12 min. sound sh-c-adult \$.25*
 The sick and wounded men in Halloran Army Hospital have been furnished with the latest in telephone facilities. This film shows how every provision has been made to make the telephone within the reach of all. Especially stressed is the tremendous curative power that results when the wounded and sick are able to get in touch with their families. (OWI)
- So 757 **CORSICA** *10 min. sound jh-sh-c-adult \$.25*
 French and Allies landing in Corsica. General de Gaulle's visit to Corsica. Views of the country and most important cities of Corsica. (France Forever, Inc.)
- So 2575 **D-DAY** *12 min. sound jh-sh-c \$.25*
 This is the first film released of the invasion of Europe on June 6th and gives 12 minutes of the intense aerial bombardment pertaining to the invasion by some 4,000 ships in the channel. The highlight of the film is the pin-point bombing of the canal leading to Caen, France. (British Information Service)
- So 2522 **DIVIDE AND CONQUER** *15 min. sound (1942) sh-c-adult \$.25*
 Nazi techniques of spreading hate and fear, distrust and confusion are dramatically shown. Shows how Hitler used all the devices of propaganda and espionage to destroy the morale of the French people. Points out that the fifth column is busy in America today. (OWI)
- So 4599 **DIVIDE AND CONQUER** *14 min. sound sh-c-adult \$.25*
 The Nazis at work deliberately spreading hate and fear, distrust and confusion among the French people. A sober and dramatic reminder that this war is being fought on civilian as well as military fronts. This is not to be confused with the War Department film by the same title. (OWI)
- So 2529 **DOVER** *10 min. sound (1942) jh-sh-c-adult \$.25*
 The spirit of England, of the people, offensive-minded with Commandos raiding Nazi strongholds, soldiers rehearsing tank tactics, the R.A.F. roaring overhead bound for German targets. (OWI)

- So 2555 **DUTCH TRADITION, THE** 27 min. sound sh-c-adult \$.25
This is a comprehensive documentary film of the people of Holland and the East and West Indies; their background in time of peace, and their contribution to the common fight against the Axis. (OWI)
- So 758 **EN ROUTE** 10 min. sound jh-sh-c-adult \$.25
The training of the West Indies Battalion in the United States before being shipped overseas and landing in Corsica. (France Forever, Inc.)
- So 746 **FIGHTING FRENCH ACTIVITIES** 24 min. sound sh-c-adult \$.25
Sea patrol on board the "Viking," Fighting French Army in the desert of western Libya, General Catroux, heroes awarded war crosses. (France Forever, Inc.)
- So 4601 **FILM COMMUNIQUE NO. 3** 21 min. sound sh-c-adult \$.25
Sequences included in the film are:
Hitting the Beach—This is the story of the LSTs, the huge landing craft which spearhead our amphibious invasions of enemy shores.
Dog Fight—Thunderbolt fighters are shown in action driving off Nazi planes that attempt to interfere with an American bombing mission.
Interlude—Sunday Morning Service Somewhere—This sequence shows men at prayer just before battle somewhere in the tropics.
Casey Jones Goes G.I.—To beat Hitler, his communications must be destroyed. Casey Jones in G.I. coveralls must clear away the debris, lay new tracks, put engines together and keep the trains rolling.
Hitting the Silk—American paratroopers go out on a mission to Lae, New Guinea. (OWI)
- So 4602 **FILM COMMUNIQUE NO. 5** 20 min. sound sh-c-adult \$.25
Sequences included in the film are:
P-47s Come to Town—This sequence shows P-47s being disassembled, processed and crated in America just prior to overseas shipment.
Two Million Dollar Hill—Atop "Two Million Dollar Hill" in Italy a detachment of our men is in need of food and supplies. This food is carried on the backs of the men and their pack mules up the muddy foot paths from the supply depot.
Hawaiian Jungle Training—This footage was taken in Hawaii. Chief of Staff General Marshall watches our men cross a jungle stream on a rope-bridge under simulated heavy enemy fire, drag wounded through barbed-wire entanglements, etc.
A Few Quick Facts—This is an animated strip dealing, through pictures and diagrams, with the distances flown hourly and daily by planes of the Air Transport Command.
Bloody Tarawa—This clip shows pre-battle preparations on board the naval task force vessels, the barrage of Tarawa, the landing, the fighting and the final bloody victory. (OWI)

- So 4603 **FILM COMMUNIQUE NO. 6** 20 min. sound sh-c-adult \$.25
Grasshopper—This film shows the conversion of the peace-time Piper Cub Plane to vital combat duties.
General Mud—Compilation of combat footage shows extreme mud conditions in Italy.
A Gal Named Stella—A damaged Flying Fortress is repaired. The work of our mobile repair units is explained.
Pipes of War—The fuel pipe line that we now have in operation in the Italian theater of war is one of the pipes of war.
Yankee Rope Trick—This is about a Liberty Ship, marooned on shoals off East India, and how it is towed to safety.
Atrocity Posters—Included in this section is animation of a War Department poster of several Japs bayonetting a captive American soldier.
Report from New Britain—Combined action at Arawe and Cape Gloucester on the Island of New Britain is depicted. (OWI)
- So. 4604 **FILM COMMUNIQUE NO. 7** 20 min. sound sh-c-adult \$.25
 One of our greatest Pacific victories, the capture of the Japanese stronghold on the Marshall Islands by combined naval and land forces, proves to be one of the outstanding combat motion picture sequences of the war in Film Communique No. 7. Complete coverage of the entire operation is given in these spectacular pictures. (OWI)
- So 4605 **FILM COMMUNIQUE NO. 8** 18 min. sound sh-c-adult \$.25
Tired Men—In Cape Gloucester, New Britain, our 7th Marines receive word they are to be relieved after 23 days and nights of jungle fighting without changing their clothes. Shots depict the indescribable fatigue on the faces of these Marines as they prepare to leave.
RAF and 8th Air Force Report From Britain—Shows spectacular low-level attack of Free French aviators flying American A-20s.
5th Air Force Report From New Guinea—Film coverage is shown of an Army Air Force maintenance and repair installation in Port Moresby, New Guinea.
A Fifth Army Report From the Beachhead—Shows the established beachhead at Anzio.
A Few Quick Facts No. 2—How Far Does a Bullet Travel? Describes a bullet sent 150 yards to kill a Jap.
- So 4606 **FILM COMMUNIQUE NO. 9** 20 min. sound sh-c-adult \$.25
 Divided into three main sequences, this film contains Air Forces footage, a special comic strip feature, "Private Snafu" and a dramatic combat sequence covering General Joseph W. Stillwell's forces in their North Burma push against the Japs. (OWI)
- So 4607 **FILM COMMUNIQUE NO. 11** 20 min. sound sh-c-adult \$.25
 This film shows the famous Naval Task Force 58 in action off Saipan. It was in this action that 428 Nip planes were downed—the war's all-time, single-day record for planes knocked out of the air by any nation, anywhere. (OWI)

- So 4608 **FILM COMMUNIQUE NO. 12** 20 min. sound sh-c-adult \$.25
Sequences included in the film are:
A Few Quick Facts—Shows how the Nazi brains managed to make the sign of the swastika the emblem of Germany and then shows how Hitler tried violently to make it the sign of the world, as well.
The Great Floor—Shows Chinese men, women, and children working on the construction of one airfield, directed by a handful of American Army Engineers.
Sky-Guys—Shows what it is like to be a "sky-guy." There are intimate shots of the paratroopers and the expressions on their faces show what mettle they are made of. Shows men jumping from plane to battlefield.
Coming Home—This is the story of the conquest of Guam—the re-taking of the first American soil captured from us by the Japs. Film shows our battleships and divebombers blasting every Jap-held position on the island. (OWI)
- So 4609 **FILM COMMUNIQUE NO. 13** 17 min. sound sh-c-adult \$.25
This entire film is based upon the Japanese phase of our war effort and shows how our troops in the India-Burma sector are battling to prepare the way for a full-scale second front against the Nipponese. Shows the now famous Merrill's Marauders fighting to capture the strategic Myitkyina Airfield. Close-up shots show what the men are going through. The film shows how vital American-made equipment is helping to start a second front in Asia. (OWI)
- So 1023 **FOR HONOR, FREEDOM AND COUNTRY** 10 min. sound jh-sh-c-adult \$.25
The men and machines that have exploded the myth of "Nazi Invincibility," engaging the enemy. The "scorched earth" policy is operated. The snub-nosed planes and bombers, and the crews, so often destroyed by Nazi press announcements, are pledged to keep flying until the swastika is erased from the earth. The two types of bombers: printed matter for civilians and exploding matter for the Axis armed forces. (Brandon Films, Inc.)
- So 747 **FRENCH ARE OUR ALLIES** 13 min. sound (1943) jh-sh-c-adult \$.25
Activities of the Free French under General de Gaulle. (France Forever, Inc.)
- So 2547 **JAP ZERO** 20 min. sound (1943) sh-c-trade-adult \$.25
Produced as a training film in aircraft identification. Focuses upon the necessity for American pilots recognizing without hesitation and without error a P-40 and a Zero. Differences between the two planes are shown, distinguishing characteristics of each are illustrated, then the audience tests its knowledge through the eyes of an American pilot in the Southwest Pacific. (OWI)
- So 2528 **JAPANESE RELOCATION** 10 min. sound (1942) sh-c-adult \$.25
Shows the removal of the Japanese people from the coast of California and their location in settlements in various parts of the country. (OWI)

- So 2586 **JUNGLE PATROL** *21 min. sound sh-c-adult \$.25*
 Group of Australian infantrymen patrol jungle infested with Japs. Advance 200 miles, wipe out Japs and obtain possession of Shaggy Ridge. (OWI)
- So 4597 **NAZIS STRIKE** *50 min. sound sh-c-adult \$.25*
 Second film in the Army's "Why We Fight" series, picturing the actual start of the war—the blitzkrieg on Poland. Containing much sensational footage captured from the Germans, this film reveals the cruel pattern of Nazi attack, from propaganda and "incidents" to the now-famed panzer attack on the army and the helpless people of Poland. (OWI)
- So 1033 **NEW ZEALAND WAR NEWS** *10 min. sound sh-c-adult \$.25*
 Collection of recent newsreel scenes filmed in New Zealand. Tanks and cavalry guarding the sweeping coastlines, soldiers training in New Zealand's beautiful mountain country, farmers gathering crops to feed American troops in the South Pacific and war plants turning out munitions for the New Zealand Division in the Middle East, are highlights of the film. (New Zealand Legation)
- So 2582 **PINCERS ON JAPAN** *20 min. sound sh-c-adult \$.25*
 Canada's place in the strategy of the Pacific is the subject of this film. Convoys carrying the sinews of war steam out from her ports, while along her western coast lookouts and patrol boats keep constant vigil. Scenes of the construction of the Alaska Highway are pictured. (OWI)
- So 2574 **POLAND FOREVER** *22 min. sound jh-sh-c \$.25*
 The film traces the history of Poland from the 15th Century to the present and outlines events leading up to the invasion. There are some vivid shots of a war-ravaged people—people left in misery and desolation, forlorn and homeless, crushed in all but spirit. (OWI)
- So 745 **POLISH AIRMAN'S DIARY** *8 min. sound (1943) jh-sh-c-adult \$.25*
 The story of a Polish flyer fighting for the liberation of his country with a Polish squadron in England. The story is reconstructed from his diary after he was killed in action. (France Forever, Inc.)
- So 4598 **PRELUDE TO WAR** *50 min. sound sh-c-adult \$.25*
 First of a series of special films prepared by the Army to show "Why We Fight." In exciting sequences—many from German, Japanese, and Italian official films—it shows the start of the treacherous attack by the Axis countries on their innocent neighbors. The cold-blooded plan of world conquest, with America as the final and richest plum, is clearly revealed in dramatic action pictures—to show American labor why we fight and what we fight for and against. A film that has been hailed by leading drama critics. Directed by Frank Capra. Commentary by Walter Houston. (OWI)
- So 2581 **R.A.F. AND 8TH AIR FORCE REPORT FROM BRITAIN** *9 min. sound sh-c-adult \$.25*
 Shows the RAF and the 8th Air Force on a hedge-hopping bombing flight over France and Germany. Includes the 5th Air Force

report from New Guinea and the AAF maintenance and repair installation in Port Moresby, New Guinea. (OWI)

- So 1022 **REPORT FROM MOSCOW** 12 min. sound *jh-sh-c-adult* \$.25
The American novelist and reporter, Erskine Caldwell, is interviewed before leaving Moscow. He tells briefly of the civilian defense work which he witnessed. Scenes follow in huge metallurgical plants, in the oil industry, of the rapid harvest, of nurses drilling, and of Red Cross work. (Brandon)
- So 2545 **REPORT FROM RUSSIA** 8 min. sound *sh-c-trade-adult* \$.25
Shows the strength of Russia—not the guns and tanks and planes, but the people, women planting and harvesting, working in industry, children working on farms, anti-aircraft batteries blasting Nazi raiders from the sky over Moscow while women and children calmly seek safety in the subway. (OWI)
- So 4626 **REPORT FROM THE BEACHHEAD** 9 min. sound *sh-c-adult* \$.25
Shows the established beachhead at Anzio. Portrays the hardships endured by our men, shows the casualties, and stresses the fact that, no matter how costly, no deal will be made with the Axis powers until Victory is won. (OWI)
- So 2554 **SICILY—KEY TO VICTORY** 20 min. sound *jh-sh-c-adult* \$.25
The record of the Canadian First Division in the Sicilian Campaign. With the aid of animated maps, the advance of the Canadians is shown town by town. The story cuts back to Canada, to the war workers standing behind the army, demonstrating the essential link between war front and home front, which is the real key to victory. (OWI)
- So 749 **UNDER THE CROSS OF LORRAINE** 11 min. sound *sh-c-adult* \$.25
General de Gaulle visits Syria; scenes of Beirut, Palmyra, and Fort Astoin; General Catroux, High Commissioner of Syria, meets General de Gaulle; General Koenig and his forces in action. (France Forever, Inc.)
- So 2623 **WAR ON WHEELS** 15 min. sound *sh-c-adult* \$.25
This film is directed principally at the men and women of the automotive industries to show them the combat performance of the vehicles they have built. What it took to get a mechanized convoy through in the North African campaign serves as an illustration. The composition of the convoy is pictured. Suddenly the convoy stops. Fresh tank tracks betray the presence of the enemy. The light tanks fan out ahead, while the convoy disperses to take cover. Nazi medium tanks launch an attack. Our light tanks attempt to hold them off, but they are outweighed and driven back. The convoy commander sends an urgent request for help to tank headquarters on bivouac in the area. Our own medium tanks rumble out to the rescue. Our vehicles meet the acid test. Our tanks proceed to destroy the enemy one by one. (OWI)
- So 2589 **WHAT MAKES A BATTLE** 16 min. sound *sh-c-adult* \$.25
The Battle of the Marshall Islands was a piece of master strategy. Forces of land, sea, and air united to strike blows that resulted

in success and each success resulted in another battle. Wounded and casualties were everywhere, and out of 10,000 Japs only 264 surrendered. (OWI)

Home Front

- So 3065 **AIR RAID WARDEN** 11 min. sound (1942) *jh-sh-c-adult* \$.25
This film shows Jim Blake, typical air raid warden, performing his specific duties. He visits his friends and neighbors offering friendly advice and when the air raid warning is sounded is efficient and helpful. (Brandon)
- So 1398 **AIR RAID WARDEN'S REPORT, AN** 11 min. sound *jh-sh-c-adult* \$.25
Describes the place which the air raid warden occupies in the civilian defense set-up. Shows that the operation of the control center and the dispatch of fire, police and medical units are dependent on his ability to get his report in quickly and his ability to report accurately. (OCD)
- So 2587 **ALL OUT FOR VICTORY** 20 min. sound *sh-c-adult* \$.25
This film shows the importance of the man behind the production line and points out that both the sweat of workers and the blood of soldiers are needed to win the war. Especially stressed is the fact that maximum use is made of all manpower and womanpower. It shows how well many peacetime industries have been converted to wartime production. (OWI)
- So 1297 **AMERICA PREFERRED** 5 min. sound *jh-sh-c-adult* \$.25
A private of the U.S. Army explains the National Defense Bonds and Stamps. (Defense Savings Staff)
- So 1062 **ARMS FROM SCRAP** 7 min. sound *el-jh-sh-c-adult* \$.25
Shows how metal can be recovered from blitzed buildings and railroads, how it is sorted, melted, and used for war purposes. (British Information Service)
- So 2556 **BALLOON SITE** 9 min. sound (1943) *sh-c-adult* \$.25
Women from widely different occupations learn to become barrage balloon operators. (British Information Service)
- So 230 **BATTLE IS IN OUR HANDS, THE** 25 min. sound *sh-c-adult* \$.25
A challenge to the American people to make proper use of resources, manpower, and land to work together to win the war. This documentary film depicts the past and present conditions of the world, and it is climaxed by President Roosevelt's address on the Four Freedoms. (USDA)
- So 2521 **CAMPUS ON THE MARCH** 17 min. sound (1942) *jh-sh-c-adult* \$.25
Shows some of the wartime activities at the more than 1,500 colleges and universities in the United States that are devoting their resources and facilities to the war effort. (OWI)
- So 2583 **CHALLENGE TO DEMOCRACY** 17 min. sound *sh-c-adult* \$.25
This film tells the story of 110,000 displaced people and shows how the U. S. Government is handling the problem. The subjects are

people of Japanese descent who were evacuated from the Pacific coast by the Army in 1942 and subsequently transferred to bar-rack cities (relocation centers). (OWI)

So 2535 CONQUER BY THE CLOCK

11 min. sound (1943) jh-sh-c-adult \$.25

The film shows there is little difference between the patriotic but thoughtless American and the Axis saboteur, giving two examples of neglect of duty resulting in casualties to the boys on the fighting front. (OWI)

So 1389 CONTROL CENTER 10 min. sound jh-sh-c-trade-adult \$.25

In order to reach the practical application of the principles underlying all civilian protection, the film shows how the principles have been applied to the typical community of Northport. A detailed procedure for that community has been worked out and presented. (OCD)

So 4621 COTTON AT WAR 13 min. sound sh-c-adult \$.25

Specially made for the cotton-manufacturing sections of this country, this film leaves no doubt as to the vital importance this material plays in our efforts for victory. Combat and training scenes show vividly that virtually everything that shoots, flies, floats, rolls, or walks has cotton as an integral unit and would be useless without it. (OWI)

So 2585 DOUBLE DUTY DOLLAR 11 min. sound sh-c-adult \$.25

Presents causes and results of inflation during wartime. Particularly stresses the purchase of war bonds and stamps as a manner of preventing inflation with all of its evils. (U. S. Treasury Dept.)

So 239 FARM BATTLE LINES 10 min. sound (1943) sh-c-adult \$.25

With emphasis on southern crops the importance of farm products in war is pointed out, not only in terms of food, but also in combat armament and supplies. (USDA)

So 1017—FIGHTING FIRE BOMBS 14 min. sound sh-c-trade-adult \$.25

The scenes of the film are laid in a home—and they show the steps to be taken in preparing for attack by incendiary bombs, as well as the methods of disposing of the light magnesium bomb. How a solid stream of water, applied to the bomb itself, causes a dangerously violent reaction, and how a water spray does not, are shown. Garden hose, pump tanks, soda-acid and foam types of extinguishers are shown as sources of obtaining the water spray. Methods of using dry sand on the bomb are also demonstrated. (Transfilm Inc.)

So 2570 FRONT LINE WOMEN

5 min. sound (1942) sh-c-trade-adult \$.25

Presentation of the great part women play in the defense transportation units. Emphasis placed on the many phases of front line work, occupied by women in China as well as in America. (Gutlohn)

So 4600 THE HIDDEN ARMY 17 min. sound sh-c-adult \$.25

The war has ended and Hitler is in prison, busy on his memoirs. As he reviews a chapter called "The Hidden Army" we hear his

thoughts. Contemplating War, he considers the strength of the United States. An aide says that America could not mass a big army and maintain production. Thus reassured, Hitler goes to war. And America not only sends millions of men overseas, but its production mushrooms. Because 20 per cent of our industrial manpower is manpower—the Hidden Army. The film shows how this brought the war into the American home and how women rallied to make good the material shortages. (OWI)

- So 238 **HIDDEN WEAPONS** 10 min. sound (1943) *jh-sh-c-adult* \$.25
Reveals waste and carelessness as homefront saboteurs on the farm. Constructive examples are given on how to conserve materials, produce, and valuable time. (USDA)
- So 2596 **IT'S EVERYBODY'S WAR** 16 min. sound *sh-c-adult* \$.25
The effect of the war upon one American community. In the story of what the people of that town are doing to help win the war, there is an example of what everyone can do. Narrated by Henry Fonda. (OWI)
- So 2538 **LETTER FROM BATAAN** 15 min. sound (1943) *jh-sh-c-adult* \$.25
Johnny's letter from Bataan, is a moving plea to the folks at home to see to it that other American soldiers have the things he and his buddy lacked at Bataan—food so that they won't have night blindness and hunger cramps, guns and shells and planes so that they can fight. (OWI)
- So 2525 **MANPOWER** 10 min. sound (1942) *sh-c-adult* \$.25
Presents the problems and confusion now existing. Paul V. McNutt, Chairman of the War Manpower Commission, introduces the problems and suggests voluntary steps to be followed. (OWI)
- So 4619 **MEN OF FIRE** 15 min. sound *sh-c-adult* \$.25
This film is pointed at the highly important forgings and castings industry. A combat sequence in France opens the picture. One of our soldiers is killed in his tank. His spirit comes back for a last look at America. He goes through the plant where he used to work, and looks for some of his former friends and associates. Many of them are missing from their workbenches, and the spirit of the soldier finds them looking for easy jobs and more pay. His final appeal tells those workers that without them the war could end tragically for our country. (OWI)
- So 2499 **MR. AND MRS. AMERICA** 15 min. sound *sh-adult* \$.25
This film discusses the vital subject of buying and holding war bonds. Short talks by President Roosevelt, Mr. Philip Murray, Mr. William Green, and Mr. Eric Johnston are interspersed with scenes of war bonds in action on the fighting fronts. Mr. Morgenthau describes the E-Bond. (OWI)
- So 1395 **NEW FIRE BOMB, A** 10 min. sound *jh-sh-c-adult* \$.25
Shows how to fight a new type of explosive fire bomb. Various methods of attacking bombs that have fallen in houses are demonstrated and the film closes with a brief message from James M. Landis. (OCD)

- So 2540 OUT OF THE FRYING PAN INTO THE FIRING LINE
5 min. sound (1943) el-jh-sh-c-adult \$.25
 A Walt Disney cartoon on the saving of grease. (OWI)
- So 1397 PRICE OF FREEDOM *15 min. sound el-jh-sh-c-adult \$.25*
 Shows the importance and necessity for buying war stamps and bonds. (U.S. Treasury)
- So 2524 PRICE OF VICTORY, THE
14 min. sound (1942) jh-sh-c-adult \$.25
 Henry A. Wallace, Vice-president of the United States, explains the ideals we are fighting for and the price we must pay for Victory. A condensation of the now famous speech which Mr. Wallace delivered on May 8, 1942. (OWI)
- So 2588 REWARD UNLIMITED *10 min. sound sh-c-adult \$.25*
 This film dramatizes the great need for Cadet Nurses. When Peggy's fiance goes off to war, she joins the U. S. Cadet Nurse Corps. The picture takes us through her training as a student nurse and shows the rewards that come from a war job well done. (OWI)
- So 2578 RIGHT OF WAY *7 min. sound sh-c-adult \$.25*
 This film dovetails into the current campaign against vacation travel and into the continuous fight against unnecessary civilian travel. It shows a troop train, a freight train, and a heavily laden truck rushing loads to a convoy slated to sail early the next morning. They have the right-of-way—and they deliver the goods on time. (OWI)
- So 2502 SAFEGUARDING MILITARY INFORMATION
13 min. sound (1942) jh-sh-c-adult \$.25
 Stresses the importance of secrecy on the part of military personnel and workers engaged in defense activities, and shows the results of careless talk. Ship explosion, sabotage, and disastrous events result from thoughtless revelation of information to enemy. (OWI)
- So 1018 SCRAP FOR VICTORY *12 min. sound el-jh-sh-c-adult \$.25*
 The inspiring screen story of the American family on the job—the vital problem of salvage. (Brandon)
- So 2514 SPIRIT OF '43 *7 min. sound (1942) el-jh-sh-adult \$.25*
 America's most dynamic character, Donald Duck, personifies millions of his fellow Americans who this year must make a choice between spending and saving. (OWI)
- So 3068 SPOTTING THE BOMBERS
11 min. sound (1942) jh-sh-c-trade-adult \$.25
 Enemy bombers are diagrammed in detail, with structural difference stressed. Spotters, wardens and the public at large will be interested. (Gutlohn)
- So 4618 THE STORY WITH TWO ENDINGS
10 min. sound sh-c-adult \$.25
 Tells the story of runaway prices after the Armistice of World War I, and details the results of allowing prices to get out of

hand. Gives good practical advice on what can be done to combat inflation. (OWI)

So 283 SUBCONTRACTING FOR DEFENSE

10 min. sound sh-c-adult \$.25

The speeding up of production orders for defense, with smaller plants producing parts of our defense materials, the larger plants assembling them. (OEM)

So 2553 SUGGESTION BOX 10 min. sound (1943) sh-c-adult \$.25

In war plants all over the country workers are being encouraged to submit suggestions which will effect a saving in time, labor, and materials, thus enabling production to be increased. Presents several examples of how workers' suggestions have resulted in improved methods of manufacture. (OWI)

So 1399 TARGET LIGHTS 17 min. sound jh-sh-c-adult \$.25

This film shows the different lights that are visible in the city that will become targets for enemy aircraft and how this condition may be corrected. (OCD)

So 2568 THESE ARE THE MEN 11 min. sound jh-sh-c \$.25

The film bitterly brings the condemnation of the peoples of the world down on the heads of the four Nazi leaders. A voice speaking for the citizens of the world, declares, "We are the men who work and make and mine and plow the land; we are the men who fight and suffer and die. These are the men who cause us to suffer." Then the Nazi leaders are shown speaking their own death warrants. (OWI)

So 4620 THEY DELIVER THE GOODS 16 min. sound sh-c-adult \$.25

How our fighting equipment gets through to our fighting men in quantity and on time. The mountains of supplies combat loaded at ports of embarkation are unloaded under combat conditions and under fire in the South Pacific. From behind-the-lines General Supply Depots they are moved through jungle swamps to advance bases, to the firing lines. The never-ending battle of supply is graphically told in these pictures. (OWI)

So 2565 THREE CITIES 11 min. sound (1943) sh-c-adult \$.25

The problem of three cities that became overcrowded because of expansion of war plants, and how each undertook a solution: Norfolk, Virginia; Willow Run, Michigan; and Ogden, Utah. (OWI)

So 3066 WARNING, THE 30 min. sound (1940) sh-c-adult \$.25

Portrays vividly an air raid, from the first siren to the rescue and clean-up work and the reports on damage inflicted. (Gutlohn)

16 WE CAN TAKE IT 11 min. silent jh-sh-c-adult \$.25

Shows what the Civilian Conservation Corps is doing in California. (USDA)

So 1388 WHAT TO DO IN A GAS ATTACK

15 min. sound el-jh-sh-c-adult \$.25

Explains what war gas is, how it is used by the enemy, and how simple household items, such as bicarbonate of soda and bleaching solutions, may be used to prevent casualties. (Filmedia Corp.)

So 2515 WOMEN IN DEFENSE 11 min. sound (1942) *jh-sh-c-adult* \$.25
A topical exposition of the various roles women are assuming in the war effort; women of science, women in industry, and women in the voluntary services. (OWI)

So 1394 WORK OF THE RESCUE UNIT
15 min. sound *jh-sh-c-adult* \$.25
The systematic approach to the problem of training civilians in the work of rescue is portrayed. Follows a squad from the sounding of alarm, going to the scene, surveying the wreckage and taking notes, searching for tragedies, tunnelling for buried victims, to the orderly departure of the squad from the scene. (OCD)

So 1026 WORLD AT WAR, THE
44 min. sound (Good) *jh-sh-c-adult* \$.25
This film presents graphically and dramatically the history of the world at war from the invasion of Manchuria to the bombing of Pearl Harbor. It shows Hitler's aggressive marches into the countries of Holland, Belgium, Poland, Czechoslovakia, and France. This is the true authentic record of the flaming decade that led to the Jap attack on Pearl Harbor, December 7th, a date which America will never forget. (Castle)

Marines

So 1390 SOLDIERS OF THE SEA 17 min. sound *jh-sh-adult* \$.25
Begins with the scenes of the "leather-necks" in training at the Marine base at San Diego. These include classroom views, drills, target practice, and seamanship, and the air force. (U.S. Marine Corps)

War Loan Films

So 4506 ACTION AT ANGUAR 24 min. sound *sh-c-adult* \$.25
Anguar, one of the most strategic islands in the Pacific, was garrisoned by fanatical Japanese troops and converted into an interlocking maze of pill boxes and strongpoints. This is the story of the untried 81st Infantry "Wildcat" Division, which, after a month's furious fighting, crushed veteran Jap troops and relieved the threat to the American Army's return to the Philippines. (OWI)

So 4616 BELGIAN CORVETTE 10 min. sound *jh-sh-c-adult* \$.25
On the industrial front, Belgian Congo is producing tin and rubber. On the fighting front, Belgian soldiers, sailors, and aviators are studying the most modern methods of warfare so that they may one day regain their native land—and today, there are more Belgian fliers soaring the heavens than before the German occupation. (Belgian Information Center)

So 2592 COMBAT AMERICA 63 min. sound *sh-c-adult* \$.25
The film follows the Flying Fortress crews of the 351st Bombardment Group from the end of their training at a Colorado training field to actual combat over Germany. It tells the story of the crews and the gunners showing how they live, how they fight, and

how they rest. Typical shots include target practice, identification drill, briefing and action encountered on the many missions over Germany. (OWI)

So 4505 D-DAY MINUS ONE *20 min. sound sh-c-adult \$.25*

Here, in one of the most exciting films ever produced, is the story of the newest and one of the most formidable branches of modern warfare—the airborne attack. In vivid, dramatic terms, the tactics of the airborne branch of our fighting forces is depicted. This is a stirring picturization of the men who are spearheading our drive to victory. (OWI)

So 4513 THE FIGHT FOR THE SKY *20 min. sound sh-c-adult \$.25*

The picture opens with our fighter pilots receiving their orders to give fighter coverage to an important bombing mission over Germany. The camera then moves out on to the field and shows our three great fighter planes taking off. Through special automatic cameras mounted in the wings of the fighter planes we are given the opportunity to see combat through the very eyes of the fighter pilots themselves. These great fighter planes are shown watching every corner of the sky, spotting the enemy and then day after day and month after month attacking him in the air and on the ground until he is destroyed. (OWI)

So 2595 FREEDOM COMES HIGH *20 min. sound sh-c-adult \$.25*

The story is one of a destroyer and her crew. It brings right back home the terrific cost of human lives when a destroyer makes a successful torpedo run against a Jap cruiser. The theme is the high cost of freedom. More bonds would mean more lives saved. (OWI)

So 4509 FURY IN THE PACIFIC *20 min. sound sh-c-adult .25*

This is the first film produced jointly by the Army, Navy, Marine Corps, Coast Guard, and Army Air Forces. It unfolds with dramatic vigor the problem of a typical combined amphibious action in the Pacific. New and remarkable footage carries the audience along with the men engaged in wresting an important island from stubborn Japanese defenders. The cost in men and material represented in this one typical landing operation demonstrates the scope of the fight against Japan that lies ahead. (OWI)

So 2599 IT CAN'T LAST *20 min. sound sh-c-adult \$.25*

This film was written for the United States Navy by the distinguished Librarian of Congress and Pulitzer Prize Poet, Archibald MacLeish. The story which Mr. MacLeish tells is one which, with kindly irony, points out that precisely because the last battle of the war seems almost in sight, we must fight, work, and save even harder. The last blow in the fight is the one that makes the decision stick. Mr. MacLeish's story also points out that it's as hard to die at the end of a war as at the beginning—maybe even harder. Bonds are one of the best ways to prove we're behind the boys at the front. (OWI)

So 4502 IWO JIMA *4 min. sound sh-c-adult \$.25*

With combat footage fresh from the fighting on Iwo. A vivid and realistic close-up of battle—this short film shows the mounting toll of action as we move nearer Japan. (OWI)

- So 4507 **MIDNIGHT** *8 min. sound sh-c-adult \$.25*
 A completely new dramatic story concept is used in this picturization of Navy action around the world. Action opens at longitude zero, Greenwich, England, where local midnight and the Navy's official midnight coincide. Then, in stirring action, the Navy is followed in its multiple tasks around the world and we see all types of combat action, fleet preparation, men fighting, sleeping, working, and training. (OWI)
- So 4501 **MISSION COMPLETED** *4 min. sound sh-c-adult \$.25*
 Sixty planes have just flown forth from a carrier to strike at the enemy. How many of them will return? Single, the planes fly back. Some triumphant and unharmed—others limping. Picture closes with a paraphrase of the lines of the Gettysburg address: "It is for us, the living, to dedicate our lives and treasures to those who are fighting for us." (OWI)
- So 4511 **MY JAPAN** *20 min. sh-c-adult \$.25*
 By the use of captured Japanese footage, a Japanese narrator, in a blunt, direct challenge to our war effort, rips aside the curtain of our overoptimism and complacency and shows us what confronts us as we draw near Japan. This picture explodes our day dreams and wishful thinking. It plants our feet on the ground of reality. It shows us the tough, hard job we still have ahead before victory is ours. (OWI)
- So 2594 **The 957TH DAY** *9 min. sound sh-c-adult \$.25*
 Activity of the 5th fleet somewhere in the Pacific on the 957th day of the war is the theme of this impelling and intense incident of the war. It is a film on the capture of an island in the South Pacific. Actual combat shots tell an impressive story of the wounded, of the dead, and of the dying. They tell an impressive story to make us realize the least we can do is to buy more bonds. (OWI)
- So 2594s **957TH DAY** *9 min. sound sh-c-adult \$.25*
 Spanish Version. (OWI)
- So 2598 **NORMANDY INVASION** *24 min. sh-c-adult \$.25*
 It is an unforgettable record of the tremendous preparations and effort made by the invasion forces on D-Day. Gripping scenes of U. S. troops wading through a hail of machine gun fire from boats which have worked their way through mine fields and under water obstacles highlight the picture. (OWI)
- So 2597 **PHOTOGRAPHY FIGHTS** *13 min. sound sh-c-adult \$.25*
 This picture shows how photography is helping to win the war. It shows how under enemy action and every kind of front-line occurrence photographic crews work precious minutes getting and scanning pictures to search for signs of enemy emplacements, evidence of his movements, and indications of what he is planning. It shows what happens when well trained discerning photographic interpreters can read from pictures shot by the crew.
 A three-minute War Department bulletin entitled "Two and One-Half Minutes" is attached as an introduction to this subject. This bulletin points out that every two and one-half minutes—day and night—one of our American boys is killed by Nazis and

Japs. It shows how the wounded grow in number too, and then points out that every casting, every forging, every piece of equipment helps to save lives and bring our boys home sooner. Everybody can help finish the job by buying bonds. (OWI)

So 4512 REMEMBER THESE FACES 18 min. sound sh-c-adult \$.25

The emotional impact of full color is employed to produce an unforgettable picture of the wounded in a great invasion of the Pacific. The camera follows the grim spectacle of wounded men from the front line to hospital ship and records the rapid transition from front-line casualties to men safe in the hands of modern medicine and with a fighting chance for recovery. (OWI)

So 2590 TARGET FOR TODAY 93 min. sound sh-c-adult \$.25

Target for Today tells the story of a bombing raid from the planning stage, through briefing, take-off, flight, "bombs away," the return home, report of the fliers to intelligence officers, and what is done with the information brought back. We see the work of the Weather Bureau in making surveys of weather conditions, in getting daily maps and reporting on the information so vital in air bombing. We see the work of the Intelligence Division in photographic interpretation, of the Operational Research Section in bomb fusing, the work of the Operations of the Combat Wing in handling take-off and assembly with a maximum bomb load in relation to gas load. We see the hundred little behind-the-scenes details of a bombing mission and are impressed with the great fund of information needed and the split-second timing necessary to make a major operation click. (OWI)

So 4500 THIS COULD BE AMERICA 4 min. sound sh-c-adult \$.25

This picture opens with a Japanese narrator screaming about a Jap attack on America. Bullets and bombs are shown hitting at what appear to be airfields in Chicago, Denver, and Cincinnati. Then an American narrator interrupts by saying, "No—that's not quite the way it happened. These are not American cities, but they could have been." He closes by saying, "We can cut down the cost in lives by buying War Bonds." (OWI)

So 4503 TIME FOR SALE 4 min. sound sh-c-adult \$.25

Scenes from a captured newsreel made by the Japanese for Philippines release. The horribly emaciated, fever-racked American prisoners, just liberated, are pictured. America promised it would return to the Philippines and America did—but for some this return was not soon enough, for many died just one day before liberation. Could these men have been saved by something that we Americans might have done—stayed on the job or bought an extra Bond? (OWI)

So 4504 THE VOICE OF TRUTH 4 min. sound sh-c-adult \$.25

This picture introduces a completely new and provocative approach to the War Bond picture series in its use of the voice of the fabulous Tokyo Rose and her effect on our fighting men in the Pacific. Their reaction to this Japanese propaganda makes an extremely interesting film. (OWI)

So 2593 WE SAID WE'D COME BACK 20 min. sound sh-c-adult \$.25

This film tells the story of the Navy's fight in the Pacific. The assembly of the greatest sea power the world has ever seen is

pictured. There are active combat shots of the latest ships, planes, and weapons in action. Admiral King reports on the enormous complexity and size of the fleet and as a natural corollary, the huge cost. More equipment and more weapons are urgently needed—and that means bonds and more bonds. (OWI)

So 4508 WHO DIED *5 min. sound sh-c-adult \$.25*

This film tells a powerful emotional story that will reach the conscience and heart of every American. With quick, vivid strokes a cross-section of America's manhood is indelibly brought home to the audience. They all died—the boy who was afraid of thunder, the one who sold you a newspaper, the two kids who used to mow your lawn, the youngster who was too young to drive the family car. They all died fighting our battle. (OWI)

So 67 YOUR FUTURE SECURITY *4 min. sound sh-c-adult \$.25*

This is the first strictly farm War Bond film. It features the special reasons for farm buying. This film was produced by the U. S. Department of Agriculture for the Treasury as a contribution to an "all out" campaign to sell War Bonds to farmers. It stresses the reasons why farmers should put every possible dollar into War Bonds. First of all, America needs the money to help win the war. Then, after victory, farmers will have a big War Bond investment to assure them of funds for better farming and better living. (USDA)

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